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# HASTINGS' SEEDS

Spring 1933  
85th Catalog

ENCHANTRESS

Pkt. 15¢  
1/8 oz. 30¢

*New California Giants*  
ZINNIA COLLECTION

1 Packet Each - 3 Varieties

25¢ postpaid  
1/8 oz. each - 65¢



GOLDEN QUEEN  
Pkt. 15¢  
1/8 oz. 30¢

SCARLET GEM

Pkt. 15¢  
1/8 oz. 30¢

H. G. HASTINGS CO., Atlanta, Georgia

# HASTINGS' ROYAL 5 VERBENAS

95c Value for 45c

These enormous new Hybrid Grandiflora or Gigantea Verbenas simply surpass all others in size of individual florets and giant flower heads. Single florets will cover a half-dollar. Their rich coloring, vigorous growth and all-season free-blooming now make Verbenas outstanding among all flowers.

1784. The New Lavender Glory (1). 1932-33 Award of Merit Winner. All-American Selection. Packet, 35c.  $\frac{1}{10}$  oz., 95c.  
1791. Luminosa, flame-pink (2). Pkt., 15c.  $\frac{1}{8}$  oz., 45c.  
1794. Giant White (3). Pkt., 15c.  $\frac{1}{8}$  oz., 45c.  
1795. Royale, royal-blue (4). Pkt., 15c.  $\frac{1}{8}$  oz., 45c.  
1787. Lucifer, scarlet-red (5). Pkt., 15c.  $\frac{1}{8}$  oz., 45c.

One packet each of these 5 Giant Verbenas (value 95c), for only 45c

$\frac{1}{8}$  oz. of each, except  $\frac{1}{10}$  oz. of Lavender Glory, for . . . \$1.95





**Remember---No order too large or too small to send to HASTINGS'**



# THESE FLOWER SEEDS ARE YOURS *Free*

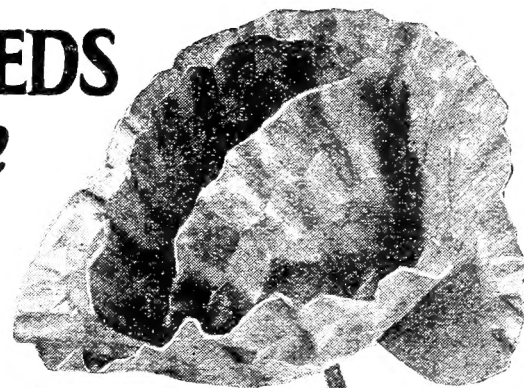
WITH every order for \$1.00, or over, that you send us for garden and flower seeds from this catalog before May 1, 1933, we will send you one packet each of these five beautiful and easily grown flowers (value 65c) absolutely free.

Striking new deep Ruby Red Cornflower, sensational Radio Calendula, Sweet Wivelsfield Dianthus, American Legion Poppy and Rich Blue Cynoglossum or Chinese Forget-Me-Not. All described inside catalog.

1281

Pkt. 10¢  
Oz. 35¢

CORNFLOWER  
RUBY-RED



1652

POPPY  
AMERICAN  
LEGION

Pkt. 10¢  
Oz. 35¢

1398

DIANTHUS  
SWEET WIVELSFIELD

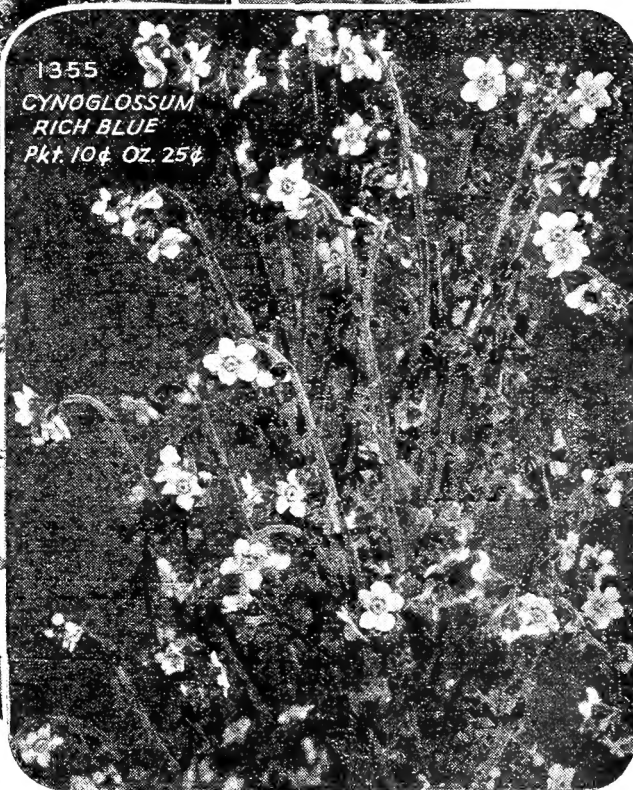
Pkt. 25¢ 1/8 Oz. 40¢



1355

CYNOGLOSSUM  
RICH BLUE

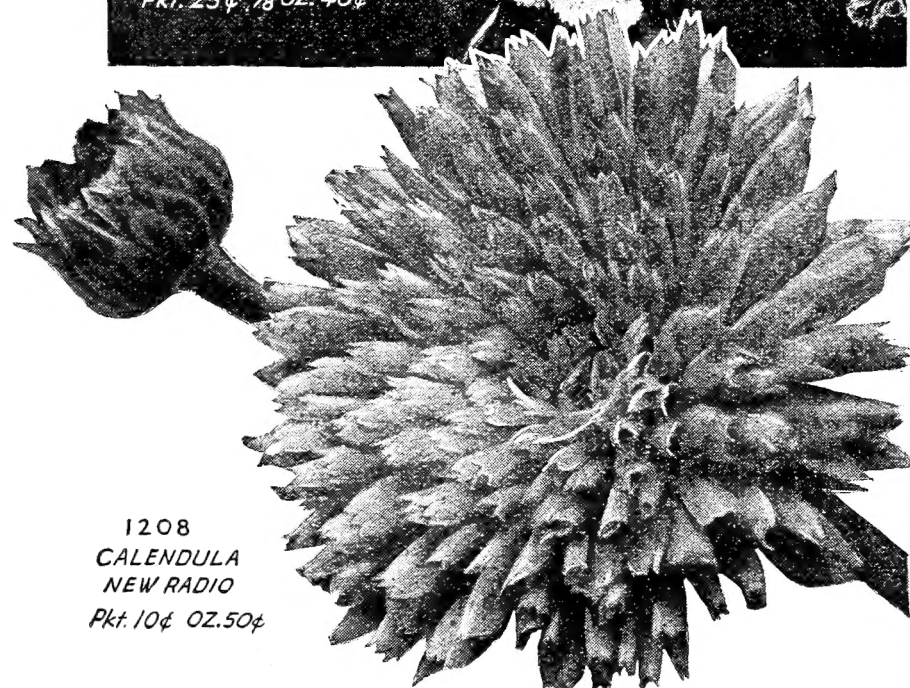
Pkt. 10¢ Oz. 25¢



1208

CALENDULA  
NEW RADIO

Pkt. 10¢ Oz. 50¢





# Read Directions for Ordering

SEND ALL ORDERS DIRECT TO H. G. HASTINGS CO., ATLANTA, GA. WE HAVE ABSOLUTELY NO AGENTS.

**Liberal Premiums** Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds or two pounds), the purchaser may select 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Cost of Sending Money** In all cases where the order for seed amounts to one dollar or more, the cost of postoffice or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one, two and three-cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the order amount is paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**About Warranty** H. G. HASTINGS CO. gives no warranty, express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing and seasonal conditions, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept. No responsible seedsman gives any warranty.

**We Pay the Postage** On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, half pound, pound and 5-pound quantities, we pay the postage and guarantee safe delivery by mail. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "Not Prepaid" price is named.

**You Pay the Postage** When you order over five pounds of any kind of seeds at "Not Prepaid" prices stated in the catalog, you pay the postage, express or freight. The same applies to quantity lots of bulbs and plants listed at "Not Prepaid" prices.

When you order seeds in 10 to 100 pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your post office or mail box it is best to have them come by parcel post.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid IN ADVANCE and you must send us the amount of postage in addition to the cost of the seeds.

Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

**How to Figure Postage** First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from Atlanta. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 15 pounds, a peck of corn with bag containing it. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 24 cents; for the 3rd zone 37 cents; for the 4th zone 59 cents and so on. With the table shown it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much, the surplus will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments.

## APPROXIMATE LOCATION OF ZONES

**GEORGIA**—In 1st and 2nd. Extreme south in 3rd zone.  
**ALABAMA**—Eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.  
**FLORIDA**—The northern part is in the 3rd, the rest is in the 4th, except extreme southern part in 5th zone.  
**MISSISSIPPI**—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.  
**LOUISIANA AND ARKANSAS**—Both entirely in the 4th zone.  
**TEXAS**—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.  
**TENNESSEE**—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.  
**KENTUCKY**—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.  
**SOUTH CAROLINA**—Western part in 2nd, balance in 3rd zone.  
**NORTH CAROLINA**—Extreme western part in 2nd, the rest in 3rd zone except extreme eastern part which is in the 4th zone.

## Parcel Post Zone Rates

Wt. In Lbs.	Zone 1 & 2	Zone 3rd	Zone 4th	Zone 5th	Zone 6th	Zone 7th	Zone 8th
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.10	.11	.14	.17	.19	.23	.26
3	.11	.13	.17	.22	.26	.32	.37
4	.12	.15	.21	.27	.33	.41	.48
5	.13	.17	.24	.33	.40	.50	.59
6	.14	.19	.28	.38	.47	.59	.70
7	.15	.21	.31	.43	.54	.68	.81
8	.16	.23	.35	.49	.61	.77	.92
9	.17	.25	.38	.54	.68	.86	1.03
10	.18	.27	.42	.59	.75	.95	1.14
11	.19	.29	.45	.64	.82	1.04	1.25
12	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.47	.77	1.12	1.45	1.85	2.24
21	.30	.49	.80	1.17	1.52	1.94	2.35
22	.32	.51	.84	1.23	1.59	2.03	2.46
23	.33	.53	.87	1.28	1.66	2.12	2.57
24	.34	.55	.91	1.33	1.73	2.21	2.68
25	.35	.57	.94	1.39	1.80	2.30	2.79
26	.36	.59	.98	1.44	1.87	2.39	2.90
27	.37	.61	1.01	1.49	1.94	2.48	3.01
28	.38	.63	1.05	1.55	2.01	2.57	3.12
29	.39	.65	1.08	1.60	2.08	2.66	3.23
30	.40	.67	1.12	1.65	2.15	2.75	3.34
31	.41	.69	1.15	1.70	2.22	2.84	3.45
32	.43	.71	1.19	1.76	2.29	2.93	3.56
33	.44	.73	1.22	1.81	2.36	3.02	3.67
34	.45	.75	1.26	1.86	2.43	3.11	3.78
35	.46	.77	1.29	1.92	2.50	3.20	3.89
36	.47	.79	1.33	1.97	2.57	3.29	4.00
37	.48	.81	1.36	2.02	2.64	3.38	4.11
38	.49	.83	1.40	2.08	2.71	3.47	4.22
39	.50	.85	1.43	2.13	2.78	3.56	4.33
40	.51	.87	1.47	2.18	2.85	3.65	4.44
41	.52	.89	1.50	2.23	2.92	3.74	4.55
42	.54	.91	1.54	2.29	2.99	3.83	4.66
43	.55	.93	1.57	2.34	3.06	3.92	4.77
44	.56	.95	1.61	2.39	3.13	4.01	4.88
45	.57	.97	1.64	2.45	3.20	4.10	4.99
50	.62	1.07	1.82	2.71	3.55	4.55	5.54
55	.68	1.17	1.99	2.98	3.90	5.00	6.09
60	.73	1.27	2.17	3.24	4.25	5.45	6.64
65	.79	1.37	2.34	3.51	4.60	5.90	7.19
70	.84	1.47	2.52	3.77	4.95	6.35	7.74

Zones are based on the distance you are from the shipping point, Atlanta, Ga. Up to 150 miles from Atlanta is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1,000 is 5th, 1,000 to 1,400 is 6th, 1,400 to 1,800 is 7th, over 1,800 is 8th zone. If you send too much, surplus will be returned.

# Hastings' Bargain Collections

In order to meet the demands of our customers for a selection of the finest vegetable and flower seeds we offer several choice collections below. These selections have been made from our stocks through the suggestion of customers and lists we have made up on requests from newspapers, magazines and other publications.

With these collections we are endeavoring to make it as easy and simple as possible for our friends to have better home gardens. Each

packet contains Hastings' best, the same kind you get when ordered separately—all fresh and ready to grow.

Remember, we carry only the best. Hastings' Policy is to give you more value for your money than you can obtain from any other source. We sell so many of these collections that we can offer them at a reduction of over half their regular price, giving you a successful garden at a small cost.

## 15 Pkts. Vegetable Seed 50c (No. 4)

1 Pkt. Improved Blood Turnip Beet.....	\$0.10	1 Pkt. Perkins Mammoth Okra.....	\$0.05
1 Pkt. Stringless Green Pod Beans.....	.10	1 Pkt. Bermuda Onion .....	.10
1 Pkt. Chantenay Carrot .....	.10	1 Pkt. Rosy Gem Radish.....	.05
1 Pkt. Hastings' White Spine Cucumber..	.10	1 Pkt. Ruby Giant Pepper.....	.10
1 Pkt. Rockyford Cantaloupe.....	.05	1 Pkt. Yellow Crookneck Squash.....	.10
1 Pkt. Hastings' Big Boston Lettuce.....	.10	1 Pkt. The Stone Tomato.....	.10
1 Pkt. Giant Sou. Curled Mustard.....	.05		
1 Pkt. Georgia Cabbage-Collard .....	.10		
1 Pkt. Imp. Kleckley Sweet Watermelon..	.05		
			\$1.25

For 50 cents we will send the above 15 full sized packets of seed by mail, postpaid. No changes will be allowed in this collection.

## Hastings' Dollar Collection (No. 5)

1/2 lb. Stringless Green Pod Beans.....	\$0.20	1 Pkt. Perkins Mammoth Okra.....	\$0.05
1/2 lb. McCaslan Pole Beans.....	.20	1 Pkt. Bermuda Onion .....	.10
1 oz. Improved Blood Turnip Beet.....	.15	1 Pkt. John L. Extra Early Pea.....	.10
1 Pkt. Surehead Cabbage .....	.10	1 Pkt. Ruby Giant Pepper.....	.10
1 Pkt. Eden Gem Cantaloupe.....	.10	1 Pkt. Rosy Gem Radish.....	.05
1 Pkt. Chantenay Carrot .....	.10	1 Pkt. Yellow Crookneck Squash.....	.10
1 Pkt. Georgia Cabbage-Collard .....	.10	1 Pkt. The Stone Tomato.....	.10
1 Pkt. Hastings' White Spine Cucumber..	.10	1 oz. Purple Top Globe Turnip.....	.10
1 Pkt. Hastings' Big Boston Lettuce.....	.10		
1 Pkt. Imp. Kleckley Sweet Watermelon..	.05		
			\$1.90

This is the big home garden year. For \$1.00 we will send the Hastings' Dollar Collection (18 varieties) postpaid. No changes will be allowed in this collection

## \$2 Home Garden Collection (No. 6)

1 oz. Improved Blood Turnip Beet.....	\$0.15	1 oz. Perkins Mammoth Okra.....	\$0.10
1 lb. Stringless Green Pod Beans.....	.30	1 Pkt. Prizetaker Onion .....	.10
1/2 lb. McCaslan Pole Beans.....	.20	1 Pkt. White Bermuda Onion.....	.10
1/2 lb. Henderson Bush Lima Beans.....	.20	1 Pkt. Ruby Giant Pepper.....	.10
1 Pkt. Chantenay Carrot .....	.10	1/2 lb. Bliss Everbearing Garden Peas.....	.20
1 Pkt. Surehead Cabbage .....	.10	1 Pkt. Ey. Long Scarlet Radish.....	.05
1 Pkt. Georgia Cabbage-Collard .....	.10	1 oz. Rosy Gem Radish.....	.10
1 Pkt. Hastings' White Spine Cucumber..	.10	1 oz. Yellow Crookneck Squash.....	.15
1 Pkt. Big Boston Lettuce.....	.10	1 Pkt. The Stone Tomato.....	.10
1 Pkt. Eden Gem Cantaloupe .....	.10	1 oz. Purple Top Globe Turnip.....	.10
1 Pkt. Watson Watermelon .....	.05		
1 oz. Imp. Kleckley Sweet Watermelon..	.10		
1 Pkt. Giant Southern Curled Mustard....	.05		
			\$2.75

For \$2.00 we will send the above splendid "Home Garden Collection," postpaid. No changes will be allowed in this collection.

## Hastings' Introductory Flower Seed Collection (No. 1)

11 Packets, 45 Cents, Postpaid

1 Pkt. Alyssum, Sweet .....	\$0.10	1 Pkt. Petunias, Single Mixed .....	\$0.10
1 Pkt. Cosmos, Giant Mixed .....	.10	1 Pkt. Phlox, Grandiflora .....	.10
1 Pkt. Dianthus, Superb Mixed .....	.10	1 Pkt. Poppies, Superb Mixed.....	.10
1 Pkt. Kochia or Burning Bush.....	.10	1 Pkt. Sweet Peas, Mixed .....	.10
1 Pkt. Nasturtiums, Dwarf Mixed .....	.05	1 Pkt. Zinnias, Monster Mixed.....	.10
1 Pkt. Antirrhinum, Mixed .....	.10		
			\$1.05

For 45 cents we will send one full size packet each of the above 11 varieties, postpaid. No changes allowed in this collection.

## Hastings' Southern Flower Seed Collection (No. 2)

20 Packets, 90 Cents, Postpaid

1 Pkt. Alyssum, Sweet .....	\$0.10	1 Pkt. Marigolds, Double African.....	\$0.10
1 Pkt. Antirrhinum, Mixed .....	.10	1 Pkt. Nasturtiums, Dwarf Mixed .....	.05
1 Pkt. Asters, Unrivaled Mixed .....	.10	1 Pkt. Helichrysm .....	.10
1 Pkt. Balsam or Lady Slipper.....	.10	1 Pkt. Petunias, Finest Mixed.....	.10
1 Pkt. Candytuft or Iberis.....	.10	1 Pkt. Phlox, Grand Mixed.....	.10
1 Pkt. Celosia, Cockscomb .....	.10	1 Pkt. Poppies, Superb Mixed.....	.10
1 Pkt. Centaurea (Sweet Sultan) .....	.10	1 Pkt. Sweet Peas, Mixed .....	.10
1 Pkt. Dianthus, Superb Mixed .....	.10	1 Pkt. Verbena, Hybrids .....	.10
1 Pkt. Japanese Morning Glory.....	.10	1 Pkt. Zinnias, Monster Mixed .....	.10
1 Pkt. Mignonette, Fragrant.....	.10		
1 Pkt. Kochia or Burning Bush.....	.10		
			\$1.95

For 90c we will send, postpaid, the above 20 full size packets of Flower Seed. No changes will be allowed in this collection. No others will be sold at these prices.

## Hastings' Tomato Collection—25c

One packet each of the Big 4 Tomato leaders. Hastings' Brimmer, Marglobe, Hastings' Extra Early Proflific and The Stone. 40c worth for only 25c.

## 5-Ounce Melon Collection—35c

For 35 cents we will send you, postpaid, one ounce each of Florida Favorite, Halbert Honey, Watson, Improved Kleckley Sweet and our famous Stone Mountain Watermelon.

## Big 4 Cabbage Collection—25c

Stein's Early Flat Dutch, Long Island Wakefield, Copenhagen Market and Centennial Late Flat Dutch. An all season's supply of cabbage. These four packets, Postpaid for 25c.

## Best 4 Beans—30c

One large packet each of Red Valentine, Sure Crop Stringless Wax, McCaslan Pole and also Henderson Bush Lima Beans. Postpaid, Only 30c.

## Big 4 Special Dahlias \$1.35

One root or tuber each of the 4 most popular of all Dahlias—Jersey's Beauty, Mrs. I. de Ver Warner, Jane Cowl and Fort Monmouth. See Page 118. Just \$1.35.

## Hardy Budded Roses

Twelve wonderful varieties, strong, hardy 2-year, well-rooted, outdoor, Nursery grown Roses—the finest plants and varieties in America. All shown in full color on inside rear cover page and described on Pages 109 to 111. All for just \$4.75.

## Big 4 Hardy Shrub Collection—\$1.25

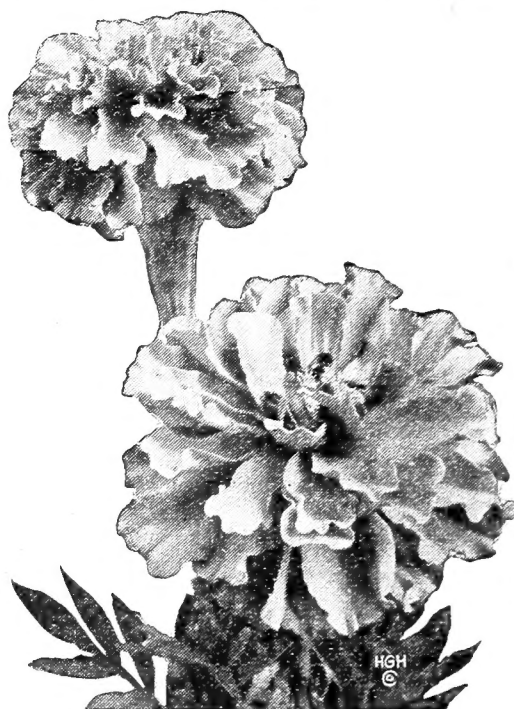
One 2-year, outdoor grown, Nursery plant each of Watermelon Red Grape Myrtle, Greenstem Forsythia, Crimson Spirea and White Bridal Wreath Spirea. See Page 106. Value \$1.70. Postpaid for \$1.25.

## Hardy Perennials Rock Garden Offer

**\$1.95** One strong plant each of fifteen flowering rockery plants, well balanced color selection for all-season bloom and easily grown subjects. Mostly low, spreading growth to make a delightful view from all sides. Collection described on Page 96. \$3.75 worth for \$1.95.



# 1933 ALL-AMERICAN SELECTION



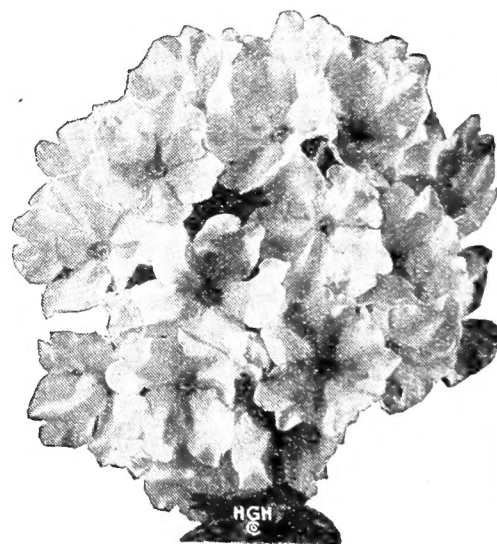
Gold Medal Winner  
(1569) Marigold, Guinea Gold



Gold Medal Winner  
(1591) Nasturtium, Double Golden Gleam



Gold Medal Winner  
(1248) New Annual Canterbury Bells



Award of Merit Winner  
(17850) Verbena, Beauty of Oxford Hybrids

Large semi-double, golden yellow, fragrant flowers 2 to 3 in. across, are profusely borne on erect, stiff stems, 6 in. long, above foliage. When in full bloom the flowers almost hide the foliage. Flowers frequently come single but mostly with 2 extra petals, all petals ruffled and giving the appearance of a double flower. Its sweet scented characteristic is also a valuable acquisition to Nasturtiums. The outstanding 1932 novelty. Gold Medal for 1933. Packet, 25c. 1/2 Oz., 40c. Oz., 70c.

**1248 Canterbury Bells, Annual Mixed** HA. 2 to 2 1/2 ft. tall, 6 to 8 flower spikes per plant. Blooms in 6 months from planting. This mixture contains dark blue, light blue, pink, rose and white colors. A great improvement over the biennials, allowing the possibility of having Canterbury Bells at almost any time of year. They are the result of many years' careful selection. Never offered for sale before. Gold Medal Winner. Pkt., 25c. 1/2 Oz., 80c. Oz., \$5.10.

**17850 Verbena, Beauty of Oxford Hybrids** HHP. Treat as HA. beautiful giant hybrid cross between Verbena Luminosa (pictured in natural colors on inside front cover page) and Beauty of Oxford, which does not produce seed. Its color closely resembles Beauty of Oxford with an added tint of the desirable salmon-pink, giving shades of clear rosy pink to rosy red. Individual florets will cover a silver half-dollar in size. Foliage is dark cress-green. This new Grandiflora Verbena enables us to have the giant Beauty of Oxford type from seed, hitherto obtained only from cuttings. Never before offered for sale. Winner 1st Award of Merit. Packet, 35c. 1/2 Oz., \$1.45. Oz., \$10.00.

## The All-American

This is the first authentic competitive selection outside of individual exhibitions or trials, in America or abroad. It is based on newness of variety, real merit or worthiness and likely general popularity over the widest territory. This All-American Selection is a consensus of the best unbiased judgment obtainable in America. Selections do not have to originate in America but must be adapted over wide American territory. It is meant to stimulate interest in the production of more really worth-while new flowers and vegetables for the home gardens of America; and likewise help all planters of seeds by informing them through garden, farm and other publications as well as seed catalogs, as to these meritorious novelties.

The 3 highest ranking selections, pictured above, are the Gold Medal Winners. The next 7 ranking selections win Award of Merit distinction. Two of the ten selections we do not offer this year. No. 7 in the ranking, Delphinium Cambridge Blue, is a short crop, entirely sold out by the originator. No. 8 in the ranking, Wilt Resistant Asters, is merely giving recognition for work done on wilt resistance but we hope to have almost a full range of colors in Wilt Resistant Asters another year.

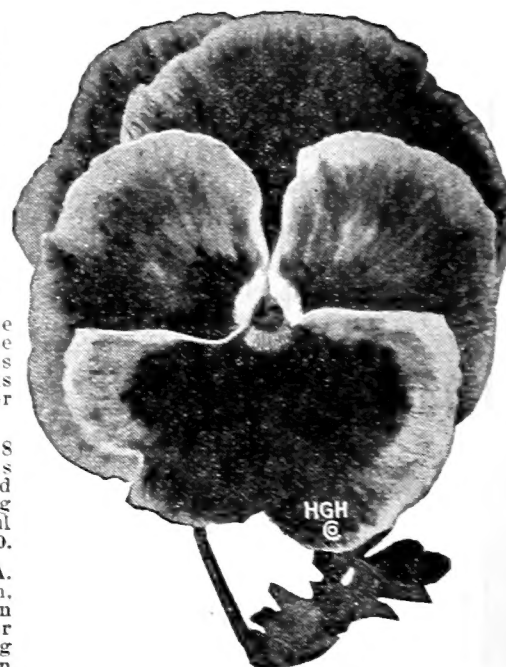
### 1569 Marigold, Guinea Gold

HA. 2 ft. or taller, pyramidal growth, with 30 to 40 semi-double, golden orange flowers, 2 to 2 1/2 in. across, practically 100% without single flowers. The familiar Marigold odor is not pronounced as in other Marigolds and the flower is quite distinct from any other Marigold. Early sowing is recommended. Gold Medal Winner. Packet, 25c. 1/2 Oz., 40c. Oz., \$2.10.

### 1591 Nasturtium, Double Golden Gleam

SWEET SCENTED. TA. 12 in., vigorous bush form, throwing a few 12-18 in. runners.

flowers 2 to 3 in. across, are profusely borne on erect, stiff stems, 6 in. long, above foliage. When in full bloom the flowers almost hide the foliage. Flowers frequently come single but mostly with 2 extra petals, all petals ruffled and giving the appearance of a double flower. Its sweet scented characteristic is also a valuable acquisition to Nasturtiums. The outstanding 1932 novelty. Gold Medal for 1933. Packet, 25c. 1/2 Oz., 40c. Oz., 70c.



Award of Merit Winner  
(1602) Pansy, Dwarf Swiss Giants—Page 5

# OUTSTANDING FLOWER NOVELTIES

**15290 Lupine, Annual Hartwegi Giants Mixed** HA. Entirely new and improved strain of Annual Lupinus. 3 to 4 ft. tall, branching from base, 4 to 6 long flower spikes per plant with 25 or more larger flowers to each spike than the regular Hartwegi type of annual Lupines. Colors include dark blue, sky blue, rose and white. This new strain should greatly increase the popularity of annual Lupines, so easily and quickly grown from seed. The larger flowers and more of them on tall spikes for excellent cutting material or garden decoration make this new strain outstanding. Never before offered for sale. Award of Merit Winner. Packet, 25c.  $\frac{1}{4}$  Oz., 40c. Oz., \$2.10.

**1602 Pansy, Dwarf Swiss Giants** ROGGLI TYPE—HHP. Picture on Page 4. It is generally conceded that the Swiss Giants have the choicest variety of colors along with giant size of any strain of Pansies. The habit of growth, however, has been "leggy," getting longer or taller as the season advances. This new strain, of European origin, has all the qualities of the original strain and with the decided advantage of short, compact plant growth. This seems doubtless to be the greatest strain of Pansies so far produced: huge, perfect, well-blotched, practically round, color balanced flowers on long, stiff stems, carried well above the foliage. Never before offered for sale and really shouldn't be this year because there's only about one pound of seed in existence. Award of Merit Winner. Small Packet, \$1.00 each.

**1784 Verbena, Lavender Glory** HHP. Treat as HA. Pictured in Natural Colors on Inside Front Cover Page. Gigantea, Grandiflora Type. Giant in size, florets covering a half dollar, distinctly and sweetly fragrant. True lavender in color with creamy white eye, accentuating its lavender tone. This is the first real lavender Verbena and while it still varies in color shades after 12 years of selection, its immense size and basic color entitle it to this Award of Merit. First offered for sale in 1932. Order early if you want it this year. Pkt., 35c.  $\frac{1}{4}$  Oz., \$1.25. Oz., \$8.85.

**1774 Venidium Fastuosum** HHA. 2 to 3 ft. tall; silky gray, serrated foliage and profuse rich orange daisy-like flowers about 4 in. across, with a purple-black eye or zone at base of petals. For sandy, sunny but not hot places. It is difficult to germinate until soil is warm as is common among many South African species, from where this came. Rather untried as yet in America and may not hold up as a cut-flower. It does not stand transplanting. Award of Merit. Pkt., 35c.  $\frac{1}{16}$  Oz., \$1.00.  $\frac{1}{4}$  Oz., \$3.75.

## Last Year's Best Novelties

**1120 Aster, Giant California Sunshine** TA. Cross between California Giants and dwarf Sunshine, giving 3 ft. plants with 4 to 6 in. flowers like the picture, on long, stiff, cutting stems. The disc is light yellow with outer petals of flesh, pink, rose, blue and lavender shades, producing strikingly beautiful color contrasts. First offered in 1931; still only 50% true to type. Packet, 25c.  $\frac{1}{4}$  Oz., 65c. Oz., \$4.10.

**1387 Arctotis Hybrids** AFRICAN DAISIES—HHA. Brilliant new creation from South African species. 12 in. plants, very profuse flowering in beautiful shades of pink, yellow, salmon and rose with dark centers or eyes. Great for bedding and cutting; thrives even in driest gardens. We know of no other house in America with this novelty. Packet, 50c.  $\frac{1}{4}$  Oz., \$1.35.

**1777 Tithonia** MEXICAN SUNFLOWER—HHP. Treat as TA. Exciting, flaming blood-orange,  $3\frac{1}{2}$  in. single Dahlia-like flowers on long, heavy cutting stems. Large, shrubby 5 ft. plant for backgrounds and among shrubs. Long season blooming; richest waxy flame colored flower known for striking cut-flowers. Coarse plant, flowers sensational. Packet, 15c.  $\frac{1}{4}$  Oz., 40c. Oz., \$1.10.

**1149 Columbine, AQUILEGIA—HP.** Exquisite new selection of the New Blues finest, longest spurred, largest flowering hybrids in shades of blue. Blues are in greatest demand in this most popular hardy garden perennial. Graceful, airy, well foliaged plants; delicate flower arrangement; 2 ft. stems. Packet, 25c.  $\frac{1}{4}$  Oz., 80c. Oz., \$5.10.

**1507 Hollyhock, Double Triumph** HP. Huge new double, wavy and fringed flowers in a new combination of colors including lovely tones of yellow, chamois, pink, rose and other art shades. Surely a new triumph in this favorite hardy perennial flower, producing 4 to 5 ft. branching plants, each branch studded with flowers. Packet, 15c.  $\frac{1}{4}$  Oz., 40c. Oz., \$2.10.

**Special Offer** One Packet each of the 8 All-American Selections for 1933 (\$3.05 value)—\$2.25.

One Packet each of the 5 best novelties from last year (\$1.30 value)—\$1.00.



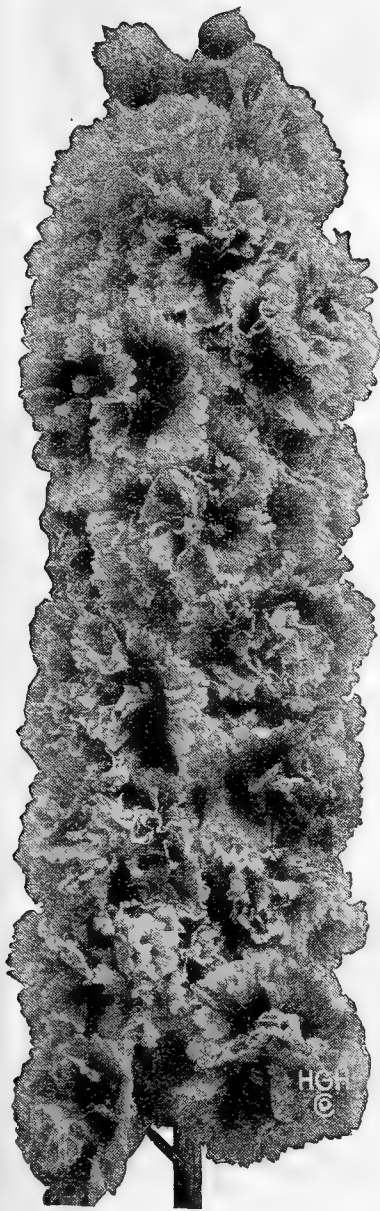
(1120) Imp. Giant California Sunshine Aster



(1149) Columbine—Long Spurred Blue Shades



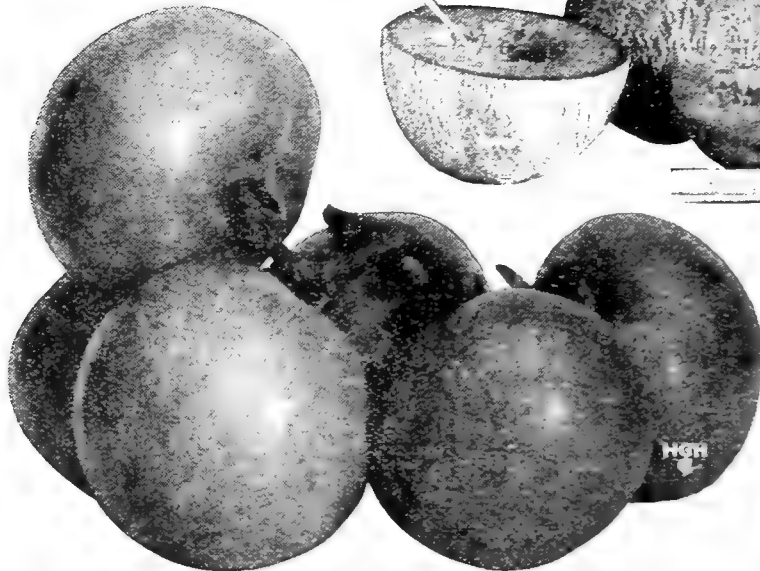
(1777) Tithonia—Dazzling Mexican Sunflower



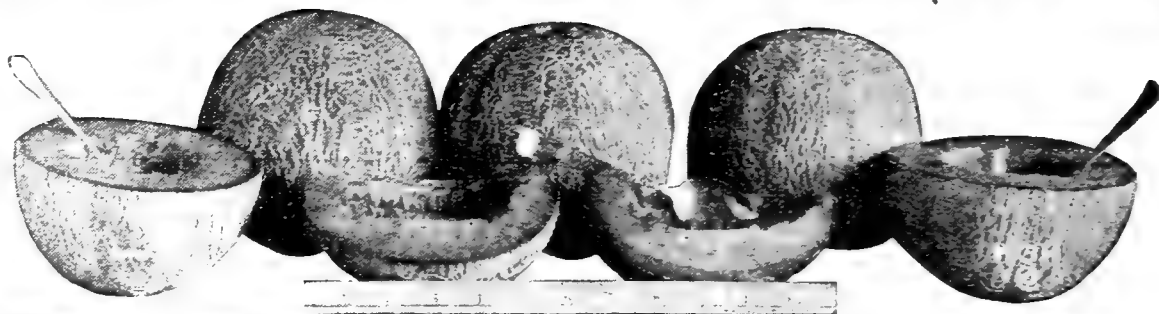
(1507) Hollyhock—Triumph

# 1933 ALL-AMERICAN SELECTION

These Are The  
3 Gold Medal  
Winners



(447) Tomato—Scarlet Topper or Pritchard—Best of All



(234) Cantaloupe—Honey Rock or Sugar Rock



(21) New Stringless Green Pod Bush Bean—Tendergreen

## The All-American VEGETABLE NOVELTIES

Similar to the Flower Seed Novelty Selection, this Official Committee has chosen the most outstanding worth-while new vegetable varieties. All these Gold Medal and Award of Merit Winners are the finest of their kinds or types, proven adapted over our territory and simply the best yet produced. Be sure to plant them. We offer all but No. 5, Ohio Canner Beet, in the Official Selection. We have a better Beet, almost identical, which will be ready to release about 1934. Ohio Canner is a canning selection out of Detroit Dark Red. We didn't want to carry Ohio Canner, simply to drop it next year for an even better one of similar type.

### 447 Tomato, Pritchard or Scarlet Topper

**Gold Medal Winner.** Resulting from crossing Marglobe and Cooper's Special, this finest of all Tomatoes was produced by the late Mr. F. T. Pritchard of the U. S. Dept. of Agriculture. Fruits are of good size, smooth, globe-shaped, extremely solid and heavy, with thick walls and of deep scarlet color throughout. It is the most uniformly fruited Tomato we have seen, borne in clusters and exceedingly productive. Very resistant to wilt, like Mr. Pritchard's Marglobe, and outstandingly superior for home, market garden and long distance shipping. Further description on Page 52. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$27.00.

### 234 Cantaloupe, Honey Rock

**Gold Medal Winner.** Also called Sugar Rock: about midway between Honey Ball and Eden Gem. It is very prolific, somewhat ribbed, with heavier, coarser netting than Honey

Ball. Almost round, of medium size, 5 inches across, rich salmon flesh of fine quality, slatey gray-green skin and its greatest virtue is ripening uniformly. It is sweeter than Rocky Ford Cantaloupes but without the honey sweetness of Honey Dew. Certainly an outstanding variety for home use and its extreme earliness and uniform maturity should make it a great market variety. It should stand 2 to 3 days' shipping. Further description on Page 32. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

### 21 Bean, Tendergreen

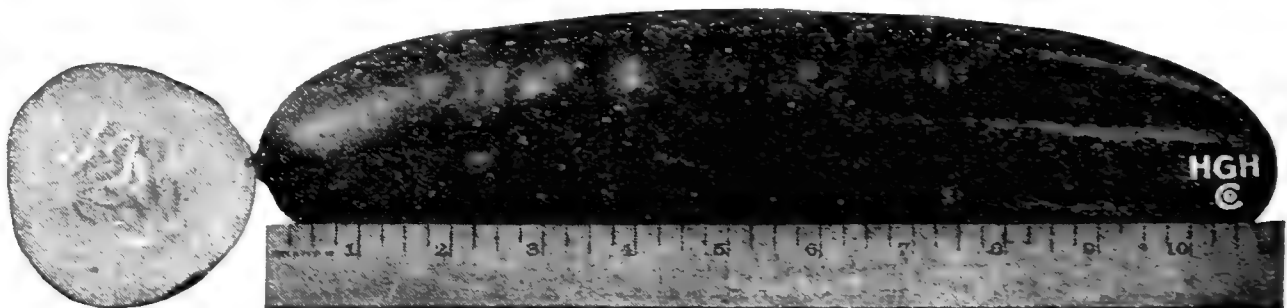
**NEW STRING-LESS GREEN POD—Gold Medal Winner.** The outstanding green-podded bush bean of highest quality. Plants are large, erect, prolific, with large dark green leaves. 51 days from planting to eating stage; rather concentrated season in pod development. Pods 5½ to 6½ in. long, nearly straight, round, absolutely stringless and fiberless, fleshy, smooth and very attractive. Dry seed is brownish black, mottled light fawn. Splendid for home, market and canning. See plant picture on Page 9. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (peck), \$2.25. 60 Lbs. (bushel), \$8.40. 100 Lbs. or over, 14c per Lb.

### 64 Carrot, Imperator

**First Award of Merit.** Handsome roots, 7 to 8 in. long, slightly tapering, sloping shoulders, just enough top to bunch well. Deep solid orange color from exterior to middle of rot. Productive and of high quality, brittle, tender, sweet and delicate in flavor. Imperator fills the great demand for a longer Carrot but with short rooted quality. Recommended for home gardens, truckers and shippers. Further description on Page 22. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.



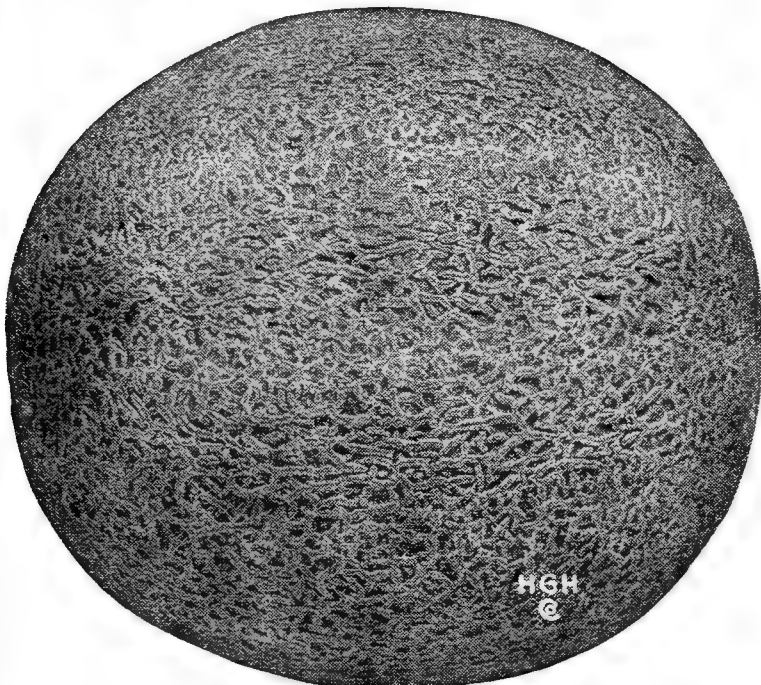
(64) Carrot  
Imperator



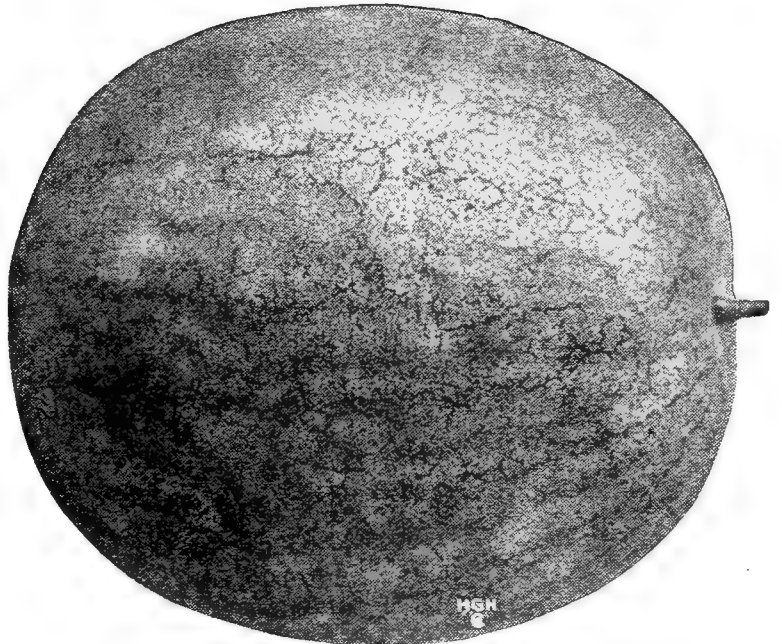
(177) Cucumber, Clark's Special—Wonderful New White Spine, Award of Merit Winner—See Page 7



# FINEST VEGETABLE NOVELTIES



(236) Improved Perfecto Cantaloupe—Award of Merit



(261) Hastings' Graystone Watermelon—Award of Merit

**177 Cucumber, Clark's Special** Award of Merit. See Picture bottom of Page 6. This new main crop variety holds its color and firmness even in distance shipping and on account of its small seed pocket is excellent for slicing. Its quality is superb. Attractive deep green in color, uniform in length, 8 to 10 in., very smooth in appearance and with few white spines. This is probably the finest dark green, white spine Cucumber to date and good for all purposes. Its regularity in size, shape and rich color is absolutely remarkable for any vine crop and certainly shows the effect of pure line breeding in experienced hands. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**236 Cantaloupe, Improved Perfecto** Award of Merit. A selection out of the popular Edward's Perfecto for uniformity and other qualities. Good, uniform netting, slight ribs unnoticeable, almost round, 6x5 inches, in size, seed cavity triangular, with thick, sweet and spicy flesh. It has so-called pink meat, is ready to eat in about 96 days, of delicious eating quality and desirable for home gardens, marketing and shipping. It is a new type of Rocky Ford, showing a trace of Burrell Gem but far superior to that variety. It is sure to supersede most of the older shipping varieties, now that we have this type selected to the small, round, heavy, typically Cantaloupe requirements. It's just about perfection, alright. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**261 Watermelon, Hastings' Graystone** Award of Merit. Simply a gray skinned Stone Mountain by the introducers of that sweetest, finest and most popular of all Watermelons' starts the official description by the All-American Committee Chairman. Graystone has the same sweetness, enormous size, medium rind, richest scarlet flesh, blunt ended round shape, smallest number of seeds and greatest amount of solid heart as Hastings' famous Stone Mountain. It frequently weighs 50 to 80 pounds on good melon land and a gray-green melon is preferred in some markets and by many people. While primarily a delicious home garden and local market melon, it will be shipped all over America by not piling as high in the car, 3 tiers instead of 4 deep. Produced by H. G. Hastings Co., the only available source of seed supply. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**24 Bean, Asgrow Stringless Black Valentine** Award of Merit. This stringless Black Valentine Bush Bean retains the good qualities of Black Valentine and adds complete stringlessness. It is early, reaching picking stage in 49 days. Plant is very hardy, upstanding, dark green and very prolific. Pods are 6½ to 7 in. long, oval-round, nearly straight, meaty, strictly stringless, slight fiber, of fine quality and delicate flavor. Seeds are jet black. It is extremely productive, free from disease and bound to be popular. Good for home garden, market garden and shipping. This far superior Bean will soon displace the popular old Black Valentine. Packet, 10c. ½ Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (peck), \$2.10. 60 Lbs. (bu.), \$7.80. 100 Lbs. or over, 13c per Lb.

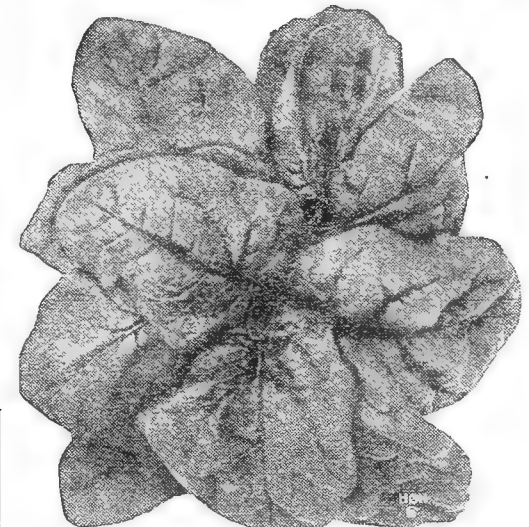
**413 Spinach, Giant Nobel** Award of Merit. This improved new strain of Giant Thick Leaved Spinach is about the heaviest producer of thick, dark, green leaves that we have seen and is quite slow in running to seed. Leaves are huge and very succulent, crisp, tender and of delicious flavor and meaty constituency. It will likely supersede other varieties and strains of thick-leaved Spinach for home, market and shipping. It should be in greater demand than perhaps any other variety. Originated in Holland. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Not Prepaid—100 Lbs. or over, 20c per Lb.

## All-American Vegetable Collection—60c

For Hastings' Customers to have all these nine new Gold Medal and Award of Merit Novelties—the very finest and most valuable of their kinds—we make a Special Offer at this reduced price. We want you to try them and have the best of all in your own garden. One Packet Each, 9 All-American Selections—60c.



(24) Stringless Black Valentine Bean



(413) Type of Giant Nobel Spinach

# VEGETABLE PLANTING CALENDAR

This planting schedule is given to make planning a garden and keeping it producing—EASY. Naturally, planting time varies as one goes north or south. In the extreme South, most vegetables may be planted through the winter months but this calendar is based on the middle South or Cotton Belt, about the latitude of Macon, Ga., Tuscaloosa, Ala., Greenville, Miss., Dallas, Tex. South of this latitude planting will be earlier and in the upper South of course later. New York-Chicago latitude averages about one

month later; Ohio River territory about 15 days later than this calendar.

Depth of planting may be slightly varied with soil density—that is, on light or sandy soils seeds or bulbs are planted deeper than on heavy or clay soils. The calendar is based on medium garden or medium loamy soils.

For earliest vegetables for home or market, plants need protection from late frosts and grow off much faster with "Hotkaps." See Page 123. Millions are in use.

NAME OF VEGETABLE	Seed for 50 feet of row	Distance between rows	Plants apart in row	Depth to plant	Time to Plant	Ready to Use
Artichoke, Tubers	2 lbs.	2 ft.	1 ft.	2 in.	Feb. to Apr.	6 mos.
Asparagus	1 pkt.	2 ft.	6 in.	1/2 in.	Mar., Apr.	3 yrs.
Asparagus Roots	25	2 ft.	2 ft.	3 in.	Dec. to Apr.	2 yrs.
Beans, Bush Snap	1/2 lb.	2 ft.	3 in.	1 in.	Mar. to Aug. 15th	6-9 wks.
Beans, Pole and Lima	1/2 lb.	3 ft.	8 in.	1 in.	Apr. to Aug. 1st	8-13 wks.
Beets	1 oz.	1 ft.	4 in.	1 in.	Mar. to Sept. 1st	6-11 wks.
Broccoli	1 pkt.	18 in.	18 in.	1/2 in.	Mar. to Apr.	3 mos.
Brussels Sprouts	1 pkt.	18 in.	18 in.	1/2 in.	Mar. to Apr.	3 mos.
Cabbage Seed	1 pkt.	18 in.	18 in.	1/2 in.	Dec. to Mar.	4 mos.
Cabbage Plants	50	18 in.	18 in.	3 in.	Feb. to Apr., July, Aug.	3-4 mos.
Cantaloupe	1 pkt.	4 ft.	3 ft.	1 in.	May, June	3 mos.
Carrot	1 oz.	1 ft.	2 in.	1/2 in.	Mar. to Sept.	6-10 wks.
Cauliflower Plants	25	2 1/2 ft.	2 ft.	3 in.	Mar. to Apr.	3 mos.
Celeriac	1 pkt.	2 ft.	6 in.	1/2 in.	Mar., Aug.	4 mos.
Celery Plants	100	2 ft.	6 in.	3 in.	Mar., Aug.	4-5 mos.
Chard, Swiss	1/2 oz.	2 ft.	4 in.	1 in.	Mar. to Sept. 1st	6-11 wks.
Citron	1 pkt.	4 ft.	3 ft.	1 in.	May, June	3 mos.
Collard Plants	50	18 in.	18 in.	3 in.	Feb. to Apr., July, Aug.	3-4 mos.
Collard Seed	1 pkt.	18 in.	18 in.	1/2 in.	Feb. to Apr., July, Aug.	3-4 mos.
Corn, Roasting Ear, Pop.	1 pkt.	3 ft.	1 ft.	1 in.	Apr. to July	3 mos.
Cos Lettuce	1/2 oz.	1 ft.	10 in.	1/2 in.	Mar. to Sept.	2-3 mos.
Cress	1 pkt.	18 in.	3 in.	1/2 in.	Feb., Mar., Sept.	5 wks.
Cucumbers	1 pkt.	4 ft.	3 ft.	1 in.	May, June	3 mos.
Eggplant Seed	1 pkt.	2 1/2 ft.	3 in.	1/2 in.	Mar. to May	3-4 mos.
Eggplant Plants	24	2 1/2 ft.	2 1/2 ft.	3 in.	May, June	2 mos.
Endive	1 oz.	18 in.	12 in.	1/2 in.	Aug.	10 wks.
Fetticus, Corn Salad	1 oz.	18 in.	8 in.	1/2 in.	Feb., Mar., Sept., Oct.	2 mos.
Gherkins	1 pkt.	4 ft.	3 ft.	1 in.	May, June	3 mos.
Gourds	1 pkt.	4 ft.	4 ft.	1 in.	May, June	3-4 mos.
Herbs	2 pkts.	1 ft.	6 in.	1/2 in.	Mar. to May	1-4 mos.
Horseradish Roots	50	2 ft.	1 ft.	4 in.	Feb., Mar.	6-12 mos.
Kale or Borecole	2 pkts.	18 in.	6 in.	1/2 in.	Feb. to Oct.	3-4 mos.
Kohl Rabi	2 pkts.	18 in.	6 in.	1/2 in.	Mar., Apr.	8-10 wks.
Leek	1/2 oz.	2 ft.	4 in.	1/2 in.	Mar., Apr., Sept.	4-5 mos.
Lettuce	1 pkt.	1 ft.	1 ft.	1/2 in.	Mar. to Sept.	2-3 mos.
Mustard	1 pkt.	18 in.	4 in.	1/2 in.	Mar. to Oct.	6-8 wks.
Okra	1 oz.	3 ft.	1 ft.	1 in.	Apr., May	3-4 mos.
Onion	1 pkt.	18 in.	2 in.	1/2 in.	Sept., Oct., Mar., Apr.	4-5 mos.
Onion Plants	100	18 in.	6 in.	2 in.	Dec. to Apr.	3 mos.
Onion Sets	1 lb.	18 in.	3 in.	1 1/2 in.	Sept. to Apr.	3-4 mos.
Parsley	1 pkt.	1 ft.	4 in.	1/2 in.	Mar., Apr., Aug.	3-4 mos.
Parsnips	1 oz.	2 ft.	4 in.	1 in.	Mar., Apr.	4-5 mos.
Peas, Garden	1 lb.	2 1/2 ft.	3 in.	1 in.	Mar. to May	7-9 wks.
Peas, Cow or Field	1/2 lb.	3 ft.	2 in.	2 in.	May to Aug.	3 mos.
Pepper	1 pkt.	3 ft.	2 ft.	1/2 in.	Apr. to June	3-4 mos.
Pe Tsai (Chinese Cabbage)	1 pkt.	18 in.	18 in.	1/2 in.	Feb., Mar.	4 mos.
Potatoes, Irish, Tubers	7 1/2 lbs.	2 1/2 ft.	1 ft.	2 in.	Mar., Apr., July, Aug.	3 mos.
Potatoes, Sweet, Plants	25	2 1/2 ft.	2 ft.	3 in.	Apr., May	5 mos.
Pumpkin	1 oz.	6 ft.	4 ft.	2 in.	May, June	3-4 mos.
Radish	1 oz.	1 ft.	2 in.	1/2 in.	Feb. to Sept.	3-6 wks.
Rape	1 oz.	1 ft.	1 in.	1/2 in.	Feb. to Sept.	6-8 wks.
Rhubarb or Pie Plant	25	3 ft.	3 ft.	tips out.	Feb., April	1-2 years
Rutabaga	1 oz.	2 ft.	4 in.	1/2 in.	Feb.-Aug.	8-10 wks.
Salsify	1 pkt.	18 in.	3 in.	1/2 in.	Feb.-May	4-5 mos.
Spinach	1/2 oz.	18 in.	1 in.	1 in.	Feb.-May; Sept., Oct.	4-5 wks.
Spinach, New Zealand	1/2 oz.	18 in.	3 in.	1 in.	Apr.-July	2 mos.
Squash	1/2 oz.	3 ft.	3 ft.	1 in.	Apr.-June	2-5 mos.
Tomato	1 pkt.	3 ft.	2 1/2 ft.	1/2 in.	Mar.-Aug.	3-4 mos.
Tomato Plants	24	3 ft.	2 1/2 ft.	3 in.	May, June, Aug.	3 mos.
Turnips	1 oz.	2 ft.	4 in.	1/2 in.	Feb.-Sept.	8-10 wks.
Watermelon	1 oz.	6 ft.	4 ft.	2 in.	May, June	3-4 mos.
Grass, Lawn, except Bermuda	5 lbs.	Broadcast	Broadcast	1/16 in.	Sept. to Mar.	1-3 mos.

## FIELD SEED PLANTING CALENDAR—WRITE FOR QUANTITY PRICES

CROP	Wt. Bu.	Seed Acre	Time to Plant	CROP	Wt. Bu.	Seed Acre	Time to Plant
Alfalfa	60 lbs.	20-25 lbs.	Feb., Sept.	Corn, Chicken	50 lbs.	8-12 lbs.	Apr.-June
Artichokes	50 lbs.	300 lbs.	Mar.-Apr.	Corn, Field	56 lbs.	10-14 lbs.	Mar.-June
Beans, Mung	60 lbs.	4-6 lbs.	May-July	Corn, Kafir	50 lbs.	8-10 lbs.	Mar.-July
Beans, Poultry	60 lbs.	5-6 lbs.	May-July	Corn, Milo Maize	50 lbs.	8-10 lbs.	Apr.-June
Beans, Mam. Soy	60 lbs.	30-90 lbs.	Apr.-June	Cotton	30 lbs.	30 lbs.	Apr.-May
Beans, Small Soy	60 lbs.	6-15 lbs.	Apr.-June	Cowpeas	60 lbs.	90-120 lbs.	Apr.-July
Beans, Velvet	60 lbs.	15-30 lbs.	Apr.-June	Crotalaria	60 lbs.	8-15 lbs.	Apr.-June
Bene	50 lbs.	5-10 lbs.	Mar.-May	Grass, Sudan	20 lbs.	20 lbs.	Apr.-June
Buckwheat	48 lbs.	48 lbs.	Mar.-Apr.	Grass, Bermuda	6 lbs.	6 lbs.	Apr.-July
Cane, Sorghum	50 lbs.	50 lbs.	Apr.-June	Grass, Pasture	50 lbs.	50 lbs.	Oct.-Mar.
Cane, Syrup	50 lbs.	12-15 lbs.	Apr.-June	Millet, Golden	50 lbs.	50 lbs.	Apr.-June
Chufas	44 lbs.	11-16 lbs.	Apr.-June	Millet, Pearl	50 lbs.	10 lbs.	Apr.-June
Clovers, Most	60 lbs.	10-25 lbs.	Feb.-Oct.	Peanuts	24 lbs.	24-48 lbs.	Apr.-June
Corn, Broom	50 lbs.	8-10 lbs.	Apr.-June	Rape	50 lbs.	10-20 lbs.	Aug.-June



# Hastings' Seeds - Standard of the South

**4 ARTICHOKES—Jerusalem, Tubers** Excellent for table use, being boiled like potatoes, boiled and served with a cream and butter dressing, and they are extensively used for pickling. The tubers may be cut according to their eyes or buds, the same as potatoes, and a couple pounds will plant a 50-foot row in the garden. See Page 59 for further listing. Lb., 25c. 5 Lbs., \$1.00. Not Prepaid—10 Lbs., 75c. 50 Lbs. (bushel), about \$3.00. Write for quantity prices.



(2) Hastings' Washington Asparagus

## ASPARAGUS

One of the earliest and most delicious of all vegetables. You can have a fine bed of Asparagus by planting our Washington Asparagus roots and if roots are planted this spring you can cut from the bed next spring. With the seed, 1 to 2 years longer is required before you can make good cuttings.

**CULTURE**—Sow seed thinly in drills one foot apart early in the spring or fall after soaking seed in warm water for an hour. Use a rich, well worked light soil and when well up, thin plants to two inches apart and cultivate often until the plants are a year old.

Transplant or set out the roots in permanent bed, using the richest soil you have, thoroughly prepared and worked very deep. Set roots 4 inches deep and 18 inches apart in rows 4 to 5 feet apart. Cultivate frequently until plants meet in the rows. Use plenty of stable manure or other fertilizer on bed before and after setting out roots, mixing well into soil. A sprinkling of salt and a dressing of fresh wood ashes and manure after plants die down each year is advisable. The growing of Asparagus Roots has become quite a feature on the Hastings' Plantation. Plant them for the strongest, largest, best developed plants that will be ready for cutting long before ordinary roots. Plant 100 roots to 15 by 20 foot bed; a packet of seed to 50 feet of row. Beds last about 8 years.

**1 Palmetto Asparagus Seed** A very early maturing and very prolific variety which was considered the best variety for the South for many years. It is still the standard variety, producing an abundance of very large, deep green shoots of the best quality. It is regular in growth and very easily grown from seed. It gives entire satisfaction. Packet, 5 cents. Ounce, 10 cents. ¼ Pound, 25 cents. Pound, 75 cents. 5 Pounds, \$3.00. Postpaid.

**2 Washington Asparagus Seed** The most superior strain of the finest and largest variety of asparagus now known. The names Martha and Mary Washington were given the finest female plants found and this is a selected strain from the start of these plants. This Washington Asparagus is extremely resistant to asparagus rust, is a very vigorous grower and a very high-yielding strain of Giant Asparagus. It is the most uniform market type of all so-called rust-resistant varieties and really is uniformly rust-resistant, very large sized, high-yielding and being a rapid grower is very tender. It is without doubt the best Asparagus grown today and our seeds are the pure strain of this finest variety. Packet, 10 cents. Ounce, 15 cents, ¼ Pound, 30 cents. Pound, \$1.00. 5 Pounds \$4.00. Postpaid.

**Washington Asparagus Roots** It will pay you, even if you already have an asparagus bed, to plant some of these large new Washington Roots. They are grown from the pure and original pedigreed seed and you may be sure of the finest and largest Roots of this excellent variety. Bunched for sale, the Washington looks so nice and is so fine that it brings higher prices than any other variety. For home use, you will be delighted with the "tips" in both quality and appearance over any other you have ever grown. They are firm and do not begin to branch until well out of the ground. Growing rapidly they are the tenderest of all. Be sure to plant some this year. Plant Hastings' Asparagus roots and save 1½ to 2 years' time in having your bed ready for cutting. Prices: 50 Roots, 75c. 100 Roots for \$1.25—Postpaid. Not Postpaid—\$6.00 per thousand. Write for prices on larger quantities when ready to buy.

## HASTINGS' BEANS

Hastings' Garden Beans of all varieties are the best beans grown in the United States. They are all grown in bean disease free territory. They are the best seed beans you can buy at any price and lower priced beans are not as good as Hastings. You cannot be sure of getting disease-free seed beans from lower price sources. With your seed beans from Hastings' you are safe; you get the very best there is grown.

We sell hundreds of thousands of pounds of seed beans every year, all the way from the packet or pound for the small home garden to the big truck grower planting 50 or 100 bushels in a season. The buyer of a packet or a pound gets exactly the same high quality as does the buyer of one hundred bushels.

We play no favorites in seed quality among our friends and customers. We have only one quality for each and all, and in beans particularly remember that every Hastings' bean is grown in bean disease free sections, insuring vigor and disease free plants, so far as seed is concerned.

### Hastings' Best 4 Beans, 30c

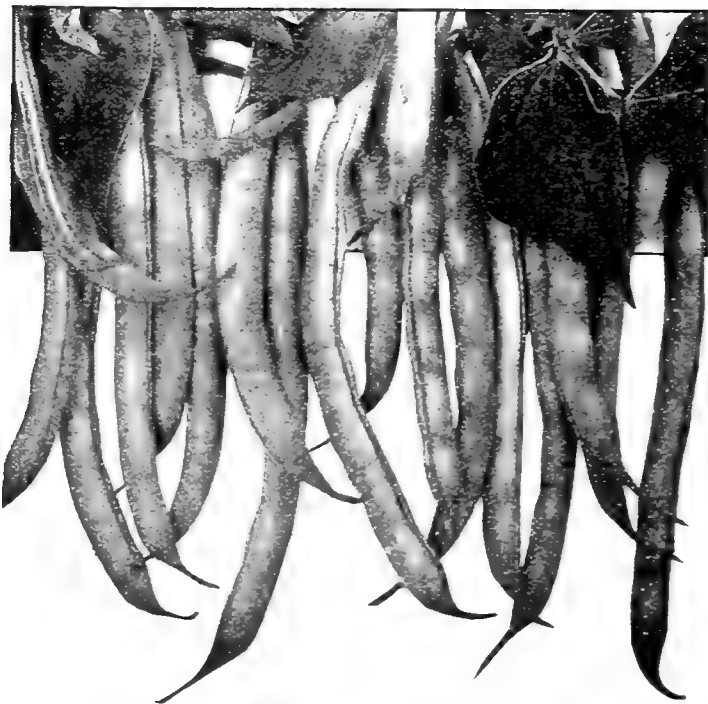
Thousands of our customers like a good assortment of beans, a packet each of several good kinds for use in small gardens. To meet this demand we offer this splendid collection of four varieties, every one of them a leader in its particular class. We know that you will be more than pleased with Hastings' Best 4 Bean Collection. One packet each of Red Valentine, Sure Crop Stringless Wax, McCaslan Pole and Henderson Bush Lima Beans. The 4 full-sized packets, postpaid, 30 cents.

### Lima Bean Collection, 30c

There ought to be more lima or "butter beans" grown in the South, and with the bush varieties it is as easy to grow them as it is to plant and grow the ordinary bush snap beans. To encourage a more general planting of these fine bush lima beans in the South we are offering one packet each of the four very best lima beans for the Southern garden. For a good many years we offered Hastings' "Best Three Bush Limas" for 25 cents, and have sold many thousands of these collections. Now, we are adding another to the collection, giving one packet each of Henderson Bush Lima, the most prolific white lima; Jackson Wonder, the almost drought-proof; Fordhook, the best of the large seeded limas, and Burpee New Improved Bush Lima, a great improvement over the old variety. Take advantage of this exceptional offer in your order this year. You will be more than pleased. Hastings' Lima Bean Collection. 4 greatest bush varieties.—Postpaid for 30c.



(21) New Tendergreen, Stringless—Page 10



(25) Hastings' Extra Early Red Valentine Beans



(11) Bountiful, Green Podded Bush Snap Bean

# BUSH SNAP BEANS

## 6 Hastings' Stringless ALSO CALLED BURPEE Green Pod

**STRINGLESS**—The most popular, most largely planted green podded bush bean on our list for home gardens and nearby markets. An absolutely stringless, green round podded bean. Stringless in all stages of growth from the time the first pods form until full grown and starting to dry up. Surpasses all the standard varieties in crisp, tender qualities and fine flavor. Makes a beautiful appearance with its long, smooth round and creasebacked dark green brittle pods 5 to 6 in. long. Immensely prolific strong vigorous grower; comes into bearing early and continues to bear long after other bush varieties have gone, the pods retaining their superb eating and stringless qualities to the last. Of greatest value for the home garden or nearby markets where quality combined with heaviest yields is desired. We recommend it fully to every gardener wanting both quality and heavy yields in green pod beans. It has no superior. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Postpaid. Not Prepaid—15 Lbs. (peck), \$1.75. 60 Lbs. (bushel), \$6.00. 100 Lbs. or over, 10c per Lb.

## 21 Tendergreen Stringless

A new green pod variety just being introduced that is a gold medal winner. A leader among the new varieties approved by the All-American Committee of 1932. Also called New Stringless Green Pod. Splendid for home and market use as well as for canning. Plants are large, erect, prolific, with large dark green leaves. About 50 days from planting to eating stage. Pods  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches long, nearly straight, round, absolutely stringless, free from fiber, fleshy, smooth and very attractive. Try this superb new variety. You will be more than pleased. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Postpaid. Not Prepaid, 15 Lbs. (peck), \$2.25. 60 Lbs. (bu.), \$8.40. 100 Lbs. or over, 14c per Lb.

## 11 Bountiful

Excellent early green-podded bush Bean; very popular for early garden snaps. Plants are vigorous growers and prolific bearers of long, 6 to 7 in., straight, broad, thick-flat pods of light green color. There is very little string on an old pod, no noticeable string in the snap stage. Pods are tender and brittle, of fine quality and handsome appearance with their long, broad, long-tipped, straight form. An excellent variety. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs. or over, 10c per Lb.

## 12 Giant Stringless Green Pod

Exceedingly prolific and a very handsome Bean. Early; a few days later than Hastings' Stringless, slightly longer and straighter pods. Large, vigorous, spreading plants, producing many large, nearly round, medium green pods of very good quality for snaps. Not as fine in quality as Hastings' Stringless, but is quite suitable for home and market use. It makes an attractive appearance and is entirely stringless. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.60. 60 Lbs. (bu.), \$5.40. 100 Lbs. or over, 9c per Lb.

## 24 Asgrow Valentine

A splendid new black seeded Valentine variety. We like it and we are sure you will, after you try it. It is hardier and will stand earlier planting than most beans. Early, usually reaching picking stage in 49 days from planting. Plants upstanding, dark green and very prolific. Pods  $6\frac{1}{2}$  to 7 inches long, oval-round, nearly straight, meaty, strictly stringless, of fine quality and delicate flavor. Very prolific, free from disease and bound to become popular. Good for home use, nearby markets or for long distance shipment. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Postpaid. Not Prepaid—15 Lbs. (peck), \$2.10. 60 Lbs. (bushel), \$7.80. 100 Lbs. or over, 13c per Lb.

## 25 Hastings' Extra Early Red Valentine (Round Podded)

A splendid heavy bearing, favorite variety well adapted to all parts of the South for either market or home use. Look out and avoid the old tough, flat, shucky Valentines on the market. Ours is true, tender, meaty, round podded stock. Vigorous grower and heavy bearer of medium sized, round tender, finely flavored green pods  $4\frac{1}{2}$  to 5 inches long. Uniform in ripening. Stands shipping well. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs. or over, 10c per Lb.

## 23 Extra Early Black Valentine

Valuable market gardener's bean for early planting and shipping. Not desirable for home use or nearby markets. Stands earlier planting in cold ground than other varieties. Remarkably hardy and resists bad or cold weather. Pods green, about 6 inches long, slender, round and nearly straight; fibrous and stringy. Hold up well in long distance shipping. Seeds black. Pkt., 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Postpaid. Not Prepaid—15 Lbs. (pk.), \$1.60. 60 Lbs. (bu.), \$5.40. 100 Lbs. or over 9c per Lb.



(6) Stringless Green Pod Bean

# GREEN PODDED BUSH SNAP BEANS



**28 Full Measure** One of the newer varieties and splendidly adapted for both home gardens and market. A vigorous grower making large thrifty plants which are heavily productive. Pods of medium green color, 6 to 6½ inches long; ¾ inch thick, round, very fleshy, brittle, stringless and fine grained. Matures in about 52 days from planting. Seemingly good for both spring and fall planting in all parts of the South. Packet, 10c. ½ Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (peck), \$2.00. 60 Lbs. (bushel), \$7.20. 100 Lbs. or over, 12c per Lb.

**14 Hastings' Excelsior Stringless Refugee Bean** One of the best and earliest green podded bush beans for Southern spring plantings. A vigorous grower and heavy bearer of uniform, slightly creasebacked, brittle, fine grained, light green, round, finely flavored pods, 4 to 5 inches long. No early variety equals it in withstanding extremely wet or dry weather without serious injury. Holds pods well up off the ground. Combines earliness, sureness of crop, quality and quantity. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c.

**13 Improved Round Pod Refugee—Green Podded**

**1000 TO 1 BEAN**—Similar to Excelsior Refugee, except ten days to two weeks later in bearing. Immensely heavy yielder, with light green pods of fine quality and that hold up well in long distance shipments. Pods are 5 to 5½ inches long, somewhat slender, round and slightly curved; almost stringless and fine grained. Also good for a canning bean. Especially resistant to drought, cold and unfavorable growing conditions. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.60. 60 Lbs. (bu.), \$5.40. 100 Lbs. or over 9c per Lb.

**22 Tennessee Green Pod**

A great favorite extra early in many parts of the South. It is a heavy bearing variety with meaty pods, stringless in the early snap stage, of good flavor and entirely worthwhile. Pods are large, broad, long and flat, about ⅝ inches wide by 6½ inches long. Those who have grown Tennessee Green Pod generally want it regularly each year and some prefer it to all other Snap Beans. Although slightly irregular in shape its fine flavor makes it a home garden leader. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.85. 60 Lbs. (bu.), \$6.60. 100 Lbs. or over 11c per Lb.

## WAX PODDED BUSH BEANS

(13) Hastings' Round Green Pod Refugee Beans

ties in many sections of the country. Their nice, clean appearance and their meaty and creamy or buttery flavor are really delicious as well as a very wholesome vegetable. Try these in your garden this year. You will like them.

We have discontinued sale of Hodson Wax and Valentine Wax because they are not to be compared with the varieties listed below, which are the best, most popular and as satisfactory beans as you can grow. They are equal in every way to the green podded beans and in addition have the flavor and rich, attractive, creamy white color that is so desirable for the table.

**20 Sure Crop Stringless Wax** We believe the finest wax bean ever introduced. It is very prolific and of the finest eating qualities. The handsome rich looking yellow pods are 6 to 7 inches long, very thick, very meaty and sweet flavored; stringless at all stages of growth. Plants are upright in growth, healthy and vigorous. This is the best wax bean we recommend for the garden. Notice the picture. It is beautiful in appearance and as fine a garden bean as you can grow. Packet, 10c. ½ Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (pk.), \$2.00. 60 Lbs. (bu.), \$7.20. 100 Lbs. or over, 12c per Lb.

**16 Wardwells Kidney Wax** One of the most popular wax bush beans for market or home use. Extra early, maturing with favorable weather in 5 to 6 weeks. A most vigorous grower, producing heavy crops of long showy pods, 5½ to 6 inches long, of beautiful white, waxy appearance. Tender, stout, straight and flat, fleshy, brittle and fine grained, of fine flavor and almost stringless. In shipping it holds up much better than most wax varieties. We sell more Wardwells Wax than any other wax bean, except Sure Crop Wax, which shows its great popularity and the general satisfaction it gives in the South. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs., 10c per Lb.

**30 Rust-Proof Golden Wax** Our improved strain of Golden Wax, rust-proof to a remarkable degree; early, thick-flat, yellow, perfectly stringless, clean and fine flavor. Sometimes throws a tendrill or runner. This rust resisting quality is especially desirable in wax beans for appearance sake alone. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs. or over, 10c Lb.

**32 Prolific Black Wax Bean** An extra prolific strain of the old favorite German Black Wax. A larger and better grower and a much heavier bearer than the old original variety. If you liked the old German Black Wax beans this new strain will certainly give you even more satisfaction in your garden. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs., 10c Lb.

### NOTE!

Take full advantage of our Not Prepaid Prices and be sure to send postage in addition if you want shipment by Parcel Post. See Page 2 for Rates.

On small quantities for home gardens, of beans and all other vegetable and flower seeds at post-paid prices, take full advantage of our Premium Offer on Page 2 and on back of yellow order sheet—giving you additional seeds of your own choice entirely free.



Wax beans have a delicious creamy or buttery flavor. Try them.

(20) Sure Crop Stringless Wax



# PLANT HASTINGS' BUTTER BEANS

## 17 Jackson Wonder Bush Lima Bean

Most prolific of all bush limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in dryest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 inches to 2 feet high. Begins blooming early; continues to bear until frost kills the plants. Good for summer use or as a winter shell bean. Seed of brownish color. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (pk.), \$2.10. 60 Lbs. (bu.), \$7.80. 100 Lbs., \$13.00.

## 7 Henderson Bush Lima

Smallest but most prolific of all the white seeded varieties, being a true bush form of the Small Lima or "Sieva." Very early, beginning to bear in about 60 days from planting and is one of the most popular varieties of butter beans for home, canning and market use. Pods are small, about 3 inches long, generally with 3 or 4 small, flat, white beans. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.85. 60 Lbs. (bu.), \$6.60. 100 Lbs., \$11.00.

## 33 Fordhook Bush Lima

Generally considered the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely with all the branches held upright. This is a true bush form of what is known as the potato or large, thick seeded, bush lima. From four to six days earlier than other varieties of this class. Pods about 5 inches long are found in clusters of four to eight and are well filled with 4 to 5 delicious large beans that in quality surpass by far all the other lima beans. You will make a mistake if you don't plant Fordhook Bush Lima. Packet, 10c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.75. 60 Lbs. (bu.), \$14.40. 100 Lbs., \$24.00.

## 34 Burpee Improved Bush Lima Bean

A true and improved bush form of the large white lima pole bean with extra large seed beans. The plants are vigorous and productive; very large pods, 5 inches long, usually contain 4 large, thick beans of excellent quality. Seed shows a greenish white tinge which is considered a sign of superior quality. Packet, 10c.  $\frac{1}{2}$  Lb., 25c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

## HASTINGS' POLE LIMA OR BUTTER BEANS

### 8 Yopps Prolific Pole Lima

This new bean of Kentucky origin fills a distinct place. We recommend it without reserve. It begins to set pods from the first blooms, even here in the lower South, and continues to bear heavily throughout the season. This setting of pods from first blooms is not true of any of the large seeded lima beans, either bush or pole. We have had this fine new bean in our trial grounds since 1923. It is an all right, perfectly satisfactory pole lima bean with medium sized white seed of good quality. Quality is fine in the green or dry state and it's an immensely heavy bearer from early to late. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$3.00. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.

### 27 Florida Butter Bean

The only other true pole lima sure to set pods from earliest of the season's blooms. It blooms and bears profusely all through the season. Will make an abundant crop under seasonal conditions that cause other varieties to fail. Seeds of the Small Lima or "Sieva" size, but are speckled white and brownish red. It has been called to our attention that our Florida Butter Bean is resistant to the Bean Beetle. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$2.25. 60 Lbs. (bu.), \$8.40. 100 Lbs., \$14.00.

### 9 Small White Lima

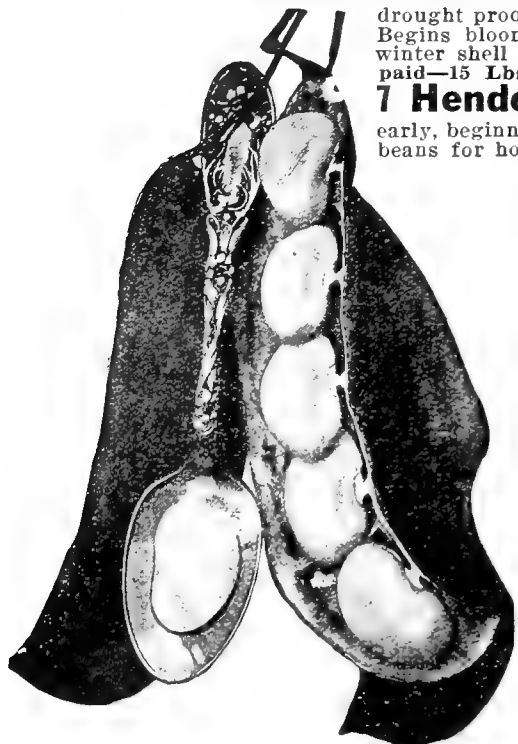
**CAROLINA OR SIEVA BEAN**—A climbing form, similar to Henderson Bush Lima and very popular. This variety is a continuous bearer and furnishes the most tender and delicious beans for the table. It's very prolific and a hardy grower for "butter beans" in the South. The 3 inch, dark green curved pods contain 3 to 4 creamy white beans. This is the most generally grown Butter Bean in the South. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$2.00. 60 Lbs. (bu.), \$7.20. 100 Lbs., \$12.00.

### 10 Large White Lima

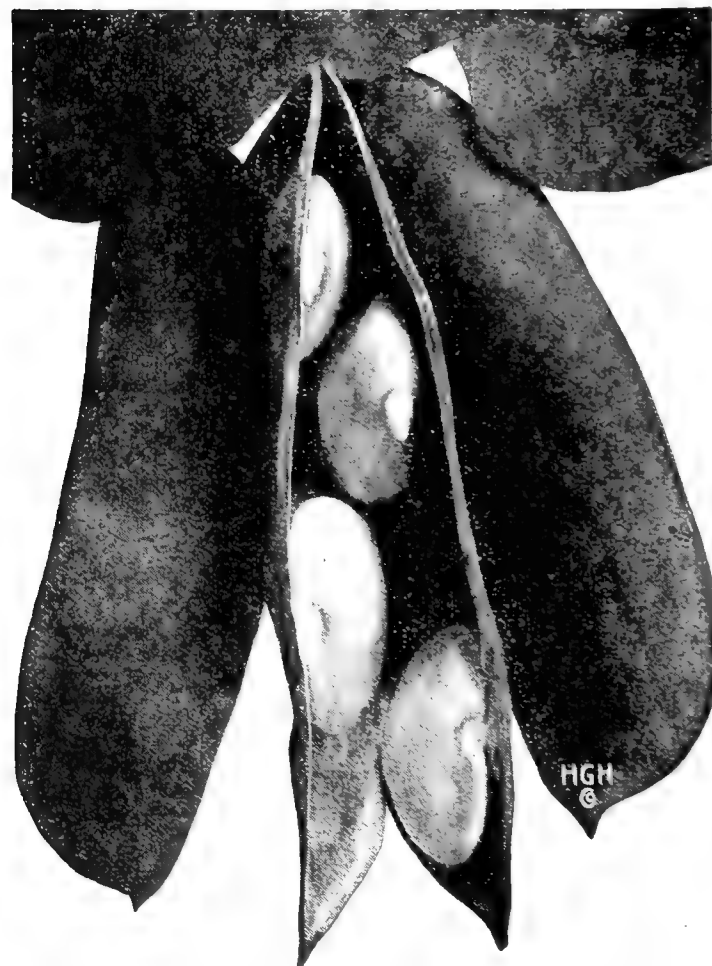
**Called KING OF THE GARDEN**—The true large lima pole bean. Vigorous grower, with extra large greenish white beans. A late variety with pods about 5 $\frac{1}{2}$  inches long and very broad, borne in clusters and pods usually contain 4 beans. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.00. 100 Lbs., \$15.00.

### Your Opportunity

Select 25¢ Extra Seeds Free on your order for \$1.00 or over in packet and ounce quantities. It's your commission for ordering direct.



(7) Henderson Bush Lima Beans

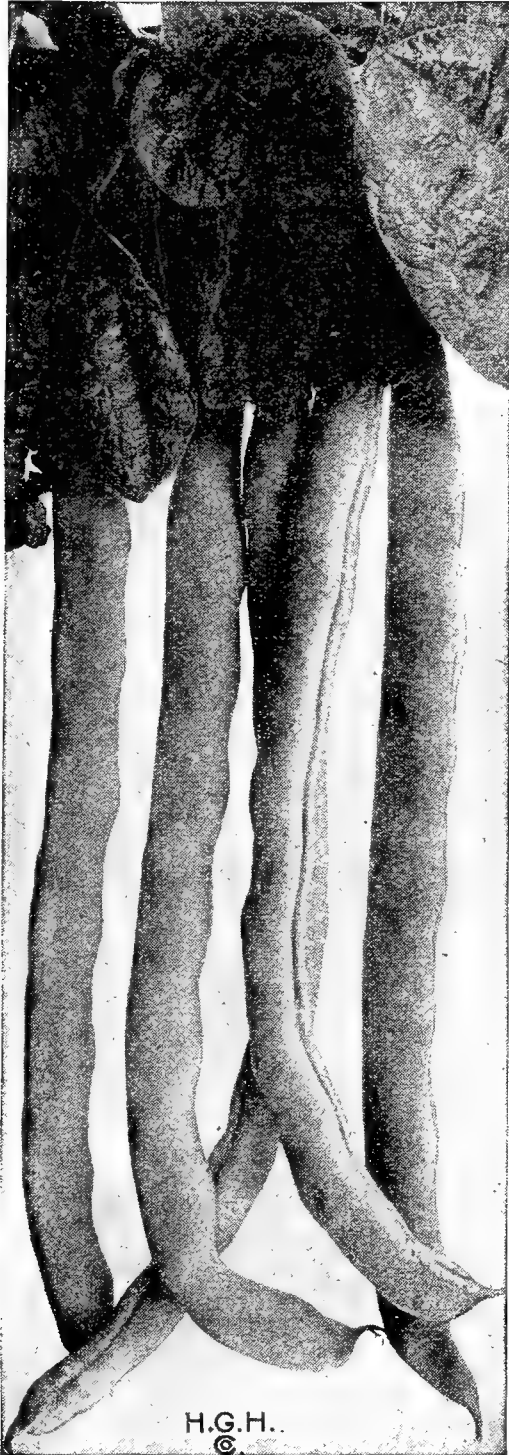


(33) Fordhook Bush Lima—Thick Seeded Butter Bean



(27) Florida Butter Bean

# McCaslan Pole Bean



(26) McCaslan—The Best Pole Bean  
In Existence Today

**26** This superb pole bean of Georgia origin, introduced by us in 1912, has been acknowledged by every seed trade expert who has seen it as the best pole bean in existence, the one pole bean, as one of them said, that "beats Kentucky Wonder." If you once plant it you will fully agree with Mr. J. H. Sheffield, of Wingate, Miss., who wrote us: "McCaslan bean surpasses anything in the bean line I ever saw."

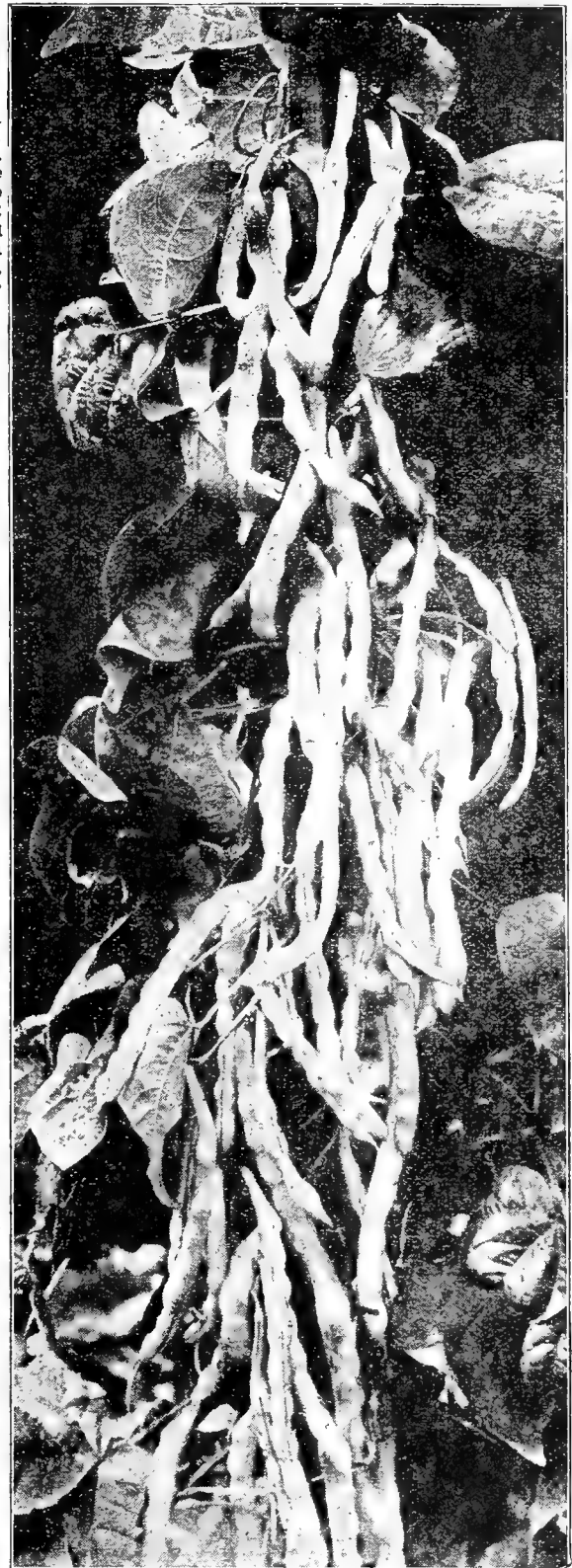
It is the heaviest bearing bean in existence. The large size pods fill perfectly and in the "snap" stage are deep green in color, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the shell beans of pure white color are most excellent for winter use. The McCaslan is a pole snap bean that no Southern home garden can afford to be without. It's the one pole bean for any Southern garden and you will never regret planting it. It is unbeatable. Packet, 10c. ½ Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (peck), \$2.25. 60 Lbs. (bu.), \$8.40. 100 Lbs. or over, 14c per Lb.

## 15 Kentucky Wonder Pole Bean ALSO CALLED OLD HOMESTEAD AND TEXAS PROLIFIC.

This superb pole snap bean is known under all three of these names. It is a most profitable pole, green, snap bean for you to plant any time from April to August. Bears in sixty to seventy days from planting, and if closely picked will continue bearing until frost. Pods are green, round, well rounded out, meaty, tender, practically stringless and grow 6 to 12 inches long. Immensely prolific, a peck having often been picked from a single vine, our illustration giving a splendid idea of its productive-ness. If you have grown it before you need not be told its value. If you have never grown it, plant, at least, a few of them this year, for you will certainly be pleased. Kentucky Wonder and McCaslan are the greatest beans in existence and Kentucky Wonder is a great old standby and favorite. Packet, 10c. ½ Lb., 20c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—15 Lbs. (pk.), \$1.75. 60 Lbs. (bu.), \$6.00. 100 Lbs. or over, 10c per Lb.

## 5 Kentucky Wonder Wax Pole Bean

This is really a Wax or yellow podded form of Kentucky Wonder, equal in every respect to that famous variety. Pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and of bright yellow color. If you like the buttery wax colored beans and most people do, you certainly must plant this wonderful heavy bearing pole bean. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—15 Lbs. (pk.), \$2.75. 60 Lbs. (bu.), \$10.20. 100 Lbs. or over, 17c per Lb.



(15) Kentucky Wonder—Texas Prolific—Old  
Homestead Pole Bean. Type of McCaslan

# 19 EARLY WONDER--PROLIFIC NAVY BEAN

Not a Pole Bean. There's no reason for you to buy white or navy beans at the store for winter and spring use when you can plant from 1 to 4 pounds, according to the size of your family, of Hastings' Early Wonder Beans and have an ample supply. Our Early Wonder is the white navy or army bean for the South—the kind of bean the South buys in hundreds of carloads each year from the north and west.

Early Wonder is the first thoroughly satisfactory white seeded shell bush bean we have found for the South. It is also good for snap beans. It grows 16 to 20 inches high, well set with medium sized pods that stay on the plants without shattering or rotting until the whole crop is ready to gather. The crop ripens very uniformly. When pods are well dried, plants may be cut or pulled, stored in barn or stacked and threshed at your convenience. Plant seeds in 2 to 2½ foot rows, leaving plants 6 inches apart. Plant Early Wonders this year and be pleased. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 70c. No larger quantities offered this year but be sure to plant a row or two in your garden.



# HASTINGS' REAL CORNFIELD BEANS

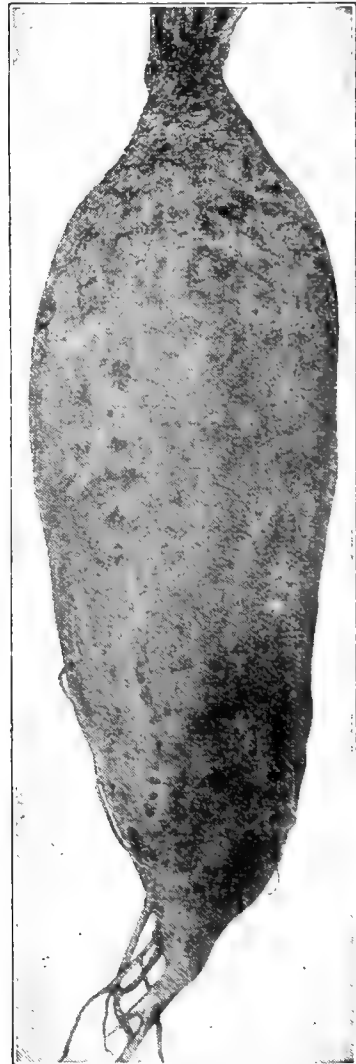
**18 HASTINGS' GENUINE CORNFIELD BEAN** There are many so-called cornfield beans, but generally unsatisfactory, not growing as vigorously as they should in the shade of the corn stalks. Hastings' Genuine Cornfield is entirely satisfactory in growth and heavy-bearing qualities. For planting in corn, this is certainly the variety. It is green podded, producing creasebacked, nearly straight pods, about 6 inches long, round and well filled. Be sure to plant Beans to run on your corn stalks this year. It saves space in your garden, saves building supports and furnishes you a long, continued supply of Beans. Packet, 10c. ½ Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—15 Lbs. (pk.), \$2.10. 60 Lbs. (bu.), \$7.80. 100 Lbs. or over, 13c per Lb.

**35 HASTINGS' WHITE CORNFIELD BEAN** Our white-seeded variety is beyond question the best of the cornfield types, good in the "snap" stage and good as a dry shell bean for winter use. This one makes good. Heavy and long continued bearer of finely flavored, good sized, meaty green pods. You will be delighted with this fine, large, vigorous grower with full, round 5-inch, curved pods of medium green. Strong strings and late maturing, which is desired in a good cornfield bean. Packet, 10c. ½ Lb., 25c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$3.00. 60 Lbs. (bu.), \$10.80. 100 Lb. lots or over, 18c per Lb.

**36 GEORGIAN POLE BEAN THE GREAT CORNFIELD BEAN.** One day during a hot, dry, September bean famine, a farmer with a good-sized wagon load of "snap" beans stopped in front of our store and sold out his load at the rate of \$2.00 per bushel. He had the Georgian Pole Bean. It makes a strong growing vine either for trailing on poles or for planting in corn, and is fairly covered with medium sized, meaty pods of fine flavor and quality. Its greatest value, however, is its great resistance to drought and heat. It is a bean to stay with you late in the season, giving both satisfaction and plenty of beans under late summer and fall conditions when beans are always scarce. Plant is a luxuriant, vigorous grower, extremely productive of round 4-inch green pods with faint purple tinge in snap stage, more reddish on maturity. Mature seed is brown with purple around eye. Late maturing. Packet, 10c. ½ Lb., 25c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (peck), \$3.00. 60 Lbs. (bushel), \$10.80. 100 Lbs. or over, 18c per Lb.

## MANGEL AND HALF-SUGAR BEETS

Every year sees a steady increase in the number of farmers in the South who plant, at least, a small crop of Mangels and Half-Sugar Mangels for stock feeding purposes. It is impossible to find crops that will give greater returns for the fertilizer and small amount of time expended than the Mangels, Half-Sugar Mangels and Belgian Carrots. All are immense yielders under good cultivation and make an agreeable change of food for any animal kept on dry forage in winter. With dairy cattle the increased flow of milk and generally improved condition of the animals show the great value of these crops. Plow the ground deeply, then harrow well until smooth. Sow seed in this latitude early in the spring, rows 2½ to 3 feet apart, and let grow all season. Use a naturally rich, deep soil or else fertilize heavily. Mangels and Half-Sugar Mangels are equally valuable. Where their value is known almost every farmer plants them each year. Plant 8 to 10 pounds of seed per acre.



(41) Jumbo Long Red Mangel

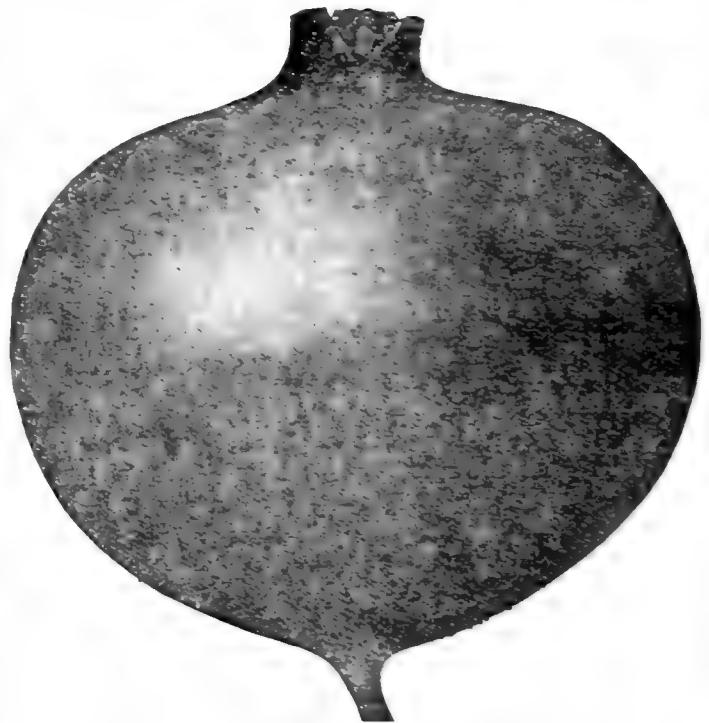
**41 Jumbo Long Red Mangel** Largest and heaviest yielder in the South, of all the true Mangel beets. If you have never grown Mangels, try them this year. Roots grow from one-half to two-thirds above the surface and are usually 18 inches to two feet long and four to six inches in diameter. The tonnage, or yield, per acre on rich or well fertilized ground is something immense. The Jumbo or the White French Half-Sugar Mangel ought to be planted on every farm in the South where cows are kept through the winter. They are certainly the greatest stock feeds you can find and the increased flow of milk through the winter makes the growing and feeding well worth your while. Ounce, 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.

### 51 White French Half-Sugar Mangel

We would have a difficult task if we had to make a choice between this and the Jumbo Long Red Mangel. Our inclination is always to plant some of both. While possibly not quite as heavy a yielder per acre as the Jumbo Long Red its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milk cows. It is as easily grown in the South as the garden variety of beet and should be left in the ground until frost to secure the largest yields. Roots are very large, of oval shape, with smooth, clean skin, and grow with the tops of the bulbs two or three inches above ground and consequently are easily pulled. We recommend a general planting of both this and the Jumbo Mangel. Ounce, 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.



(36) Georgian Pole Bean—Single Vine



(47) Early Wonder Beet—Described on Next Page.

# HASTINGS' SUPERIOR GARDEN BEET SEED



(45) Hastings' Improved Blood Turnip Beet.

## 45 Hastings' Improved Blood Turnip Beet

Also called **DETROIT DARK RED**. Our own introduction and which has turned out to be the greatest Beet in America. However, there are a number of strains of this fine variety now being sold. We recommend our strain as being the leader of them all. You will profit by using this remarkable re-selected strain of seed. Most popular variety for home garden and market use for any and every part of our southland. Color a deep blood red. A fine even form, very uniform in growth, as shown in our illustration from a photograph; medium early and very productive, tender, free from stringiness and very sweet; good for either home or market use and most valuable variety for succession sowings. This is the finest all-round garden beet in existence and the most uniform in both shape and color of them all. Most popular Beet of all. (Matures in 52-55 days.) Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

## 44 Half-Long Blood Beet

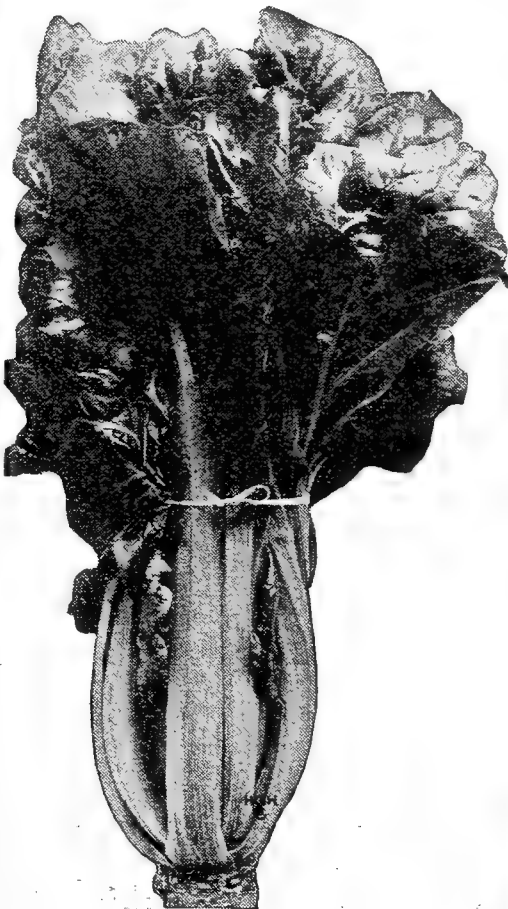
A favorite for late use, intermediate length between our Improved Blood Turnip Beet and the Long Smooth. Color a deep blood red, smooth and free from stringy roots. In quality it is tender and sweet and remains in good condition for a long time after maturity. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 80c. 5 Lbs., \$3.20. Write for quantity prices.

## 49 Long Smooth Blood Beet

An old-time favorite in the South; it has long, smooth, blood red roots growing well down into the soil, enabling it to resist drought and heat. A few of these should be planted in every garden for use after all the other varieties are gone. This beet can be stored or banked for later use, as it keeps well, and although it is large it is of exceptional quality and flavor. (Roots 8-10 in. long in 90 days; 15 in. long and 3 in. across shoulder at maturity.) Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 80c. 5 Lbs., \$3.20. Write for quantity prices.

## 43 SWISS CHARD or Sea Kale Beet

Should be in your garden. Probably no vegetable is coming into popular favor more rapidly than Swiss Chard or Sea Kale. It is grown for its leaves only as it does not make a bulbous, edible root like the other varieties. The leaves grow large and upright and as the outer leaves are cut more come from the center. The midrib or center stem of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens, or if desired the whole leaf can be boiled and served as "greens." There is a delicious, delicate flavor not found in either turnips or kale. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.



(43) Swiss Chard Beet or Sea Kale for Greens

**Note** You need and want the highest quality beet seed you can get for market crops or for the home garden. Hastings' Beet Seed is bred and carefully selected to give you real satisfaction, beet seed which, when planted here in the South, makes the smoothest, cleanest, finest formed beets that can be grown.

The South does not appreciate, plant and use beets as much as it should. Sown thickly, the young plants when thinned out make splendid "greens." Planted any time from earliest spring up to September 15th they make splendid beets for summer, fall and early winter use.

**Culture** Sow in rich or well-manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In light, sandy soils cover about 1 inch; in stiff or clay soils not over ½ inch. Sowing can begin as early as the ground can be worked in this latitude and succession sowings made up to September 15th and even later farther south of us. In Florida sow from September to December. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." Quantity of seed required: 1 ounce to 50 feet of row; 6 to 8 pounds per acre. Young beets ready for use in 50 to 70 days, according to variety.

## 42 Crosby Early Egyptian

A vast improvement over the old Extra Early Egyptian Blood Turnip and almost as early. It is ready for use before any other except the old variety and of far better quality. Tops are small and the smooth roots are flattened globe shape. Roots bright red and flesh is bright vermilion-red, zoned lighter, very sweet, tender and fine quality. Excellent for early outdoor planting and bunching for sale or for home use. (Matures in about 50 days.)

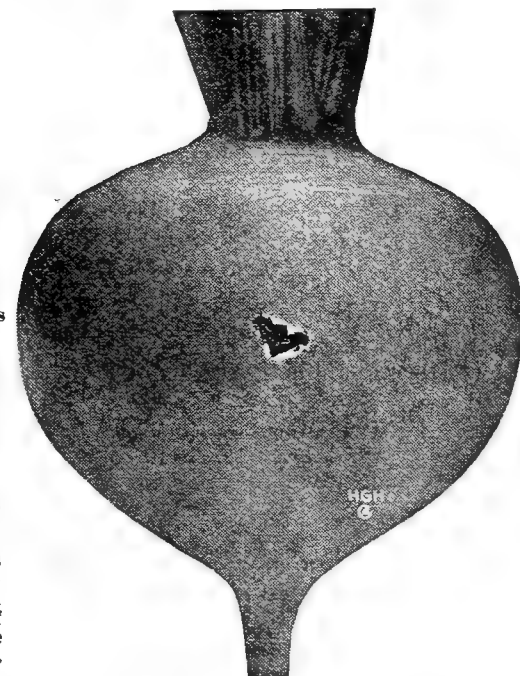
Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

## 47 Early Wonder

Very early dark red Beet, similar to Crosby Egyptian in flattened globe shape. Its earliness and rich color make it a favorite with market gardeners especially, but it is also a sweet and tender variety for the home garden. The tap root is very small and the beet itself is of very desirable shape for bunching. The tops are small. Notice picture on Page 14. Early Wonder has come right to the front as one of the best Beets for market and home use. Its earliness and deep color make it uniformly desirable. (Matures in about 50-53 days.) Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

## 46 Early Blood Turnip Beet

Improved strain of this popular variety for home and market garden use. The tops are rather small and fairly coarse. Roots are true turnip-shaped and dark purplish-red in color. Flesh inside is also deep purplish-red, zoned with a lighter shade. (Matures in 60 days.) Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices.



(42) Crosby Early Egyptian Type of Beet

**GOOD GARDENS COME FROM GOOD SEEDS. IT PAYS TO PLANT THE BEST.**

## BROCCOLI

A vegetable very closely related to cauliflower, from which it is supposed to have come. Give the same culture as for cauliflower, and in the Southern States, unless you are an expert cauliflower grower, Broccoli will make a surer header for you. There are many also kept from growing cauliflower by the high price of the seed. To those we recommend Broccoli.

**56 White Cape Broccoli** The Cape is the best white heading type for the South and you will do well to have it in your garden. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**57 Green Sprouting Broccoli** Italian, all season variety, much less susceptible to weather changes than Cauliflower. Cultivate like Cabbage, starting seed in beds about March to have heads in ninety days. Make successive plantings to have Broccoli until freezing weather. The head is a compact cluster of tightly closed flower buds, of bluish-green color and used unblanched. After central head is removed, many branches with smaller heads form. If gathered as ready plant will keep bearing 8 to 10 weeks. Quality is fully equal to Cauliflower, by many considered superior, and the long bearing season makes this a very economical vegetable to grow. Our seed of this variety is genuine. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

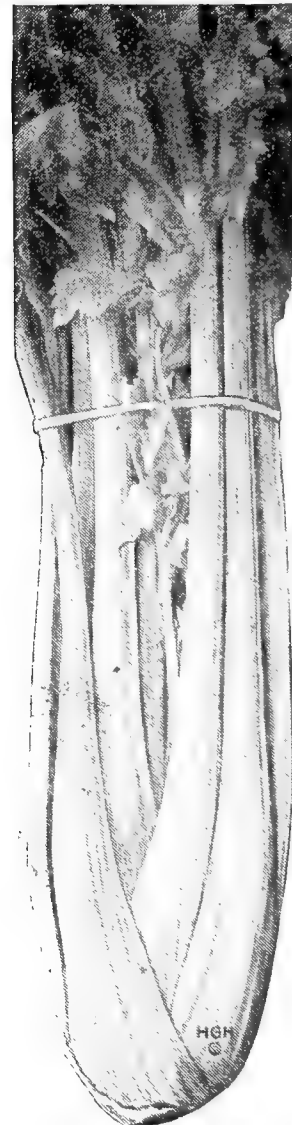
## BRUSSELS SPROUTS

A very highly esteemed member of the cabbage family, especially desirable for the late summer and fall plantings in Florida and the Gulf Coast sections. The "sprouts" are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in all parts of the lower South. Quality and flavor much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground and cultivate as for cabbage. Packet produces plants for 100 feet of row.

**59 Improved Dwarf Brussels Sprouts**—The most desirable variety in every way, growing 18 to 30 inches high and producing compact "sprouts" 1 to 2 inches in diameter of grayish green color. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## CELERY

Celery needs comparatively cool weather for proper maturity and should be matured during October and November. To do this seed should be sown from April 25th to June 1st in shaded beds, the transplanting about August 1st. Celery seed is very small and at time of year noted above, the seed should be sown in partly-shaded beds where the soil has been worked down very fine. The seed should be scattered thinly on the surface, then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and set 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach. 1 ounce of seed makes 5,000 or more good plants.



Easy Blanching Celery

**77 GOLDEN SELF-BLANCHING** A variety for market gardeners. Best early Celery. Medium size, compact, stocky, yellowish green foliage, blanching with minimum attention. Crisp, tender, quite stringless; nutty flavor. The finest of all celery is produced with our Golden Self-Blanching. Packet, 10c. ½ Oz., 45c. Oz., 75c. ¼ Lb., \$2.50. Lb., \$8.00. 5 Lbs., \$32.00. Price has been as high as \$25.00 a pound.

**78 Easy Blanching Celery** A new variety of exceptional merit and it is meeting with great popularity. The plant grows rather dwarf and compact with foliage light green, tinged yellow. It is a vigorous grower with thick stalks of excellent quality. Very desirable for the amateur because it blanches more easily than any other variety and even the first time you grow it, it should equal any celery you could buy at the market both in quality and looks. Easy Blanching is a medium early variety, one of the best keepers and fine for winter and spring use. Packet, 10c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$5.00. 5 Lbs., \$20.00.

**76 White Plume Celery** Handsome, very early, popular variety. Leaves are light green at base, shading to nearly white at tips. Good home garden sort because of quickness of blanching when earthed up. Easy Blanching is preferable, however. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**79 Giant Pascal Celery** Green leaved variety developed from Golden Self Blanching. Of very best quality for fall and early winter use in the South. It blanches to a beautiful yellowish white color, is solid, crisp and of a fine nutty flavor. Stalks very thick and medium in height. Packet, 5c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**75 CELERIAC** or Turnip Rooted Celery. Cultivate the same as for celery except that it requires no hilling up. The roots are eaten instead of the leaf stalks. They are excellent for soups and stews, are also cooked and sliced as a salad. These roots are easily kept for winter use by packing in sand or earth in the cellar or covering with earth and straw outdoors like beets and carrots. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

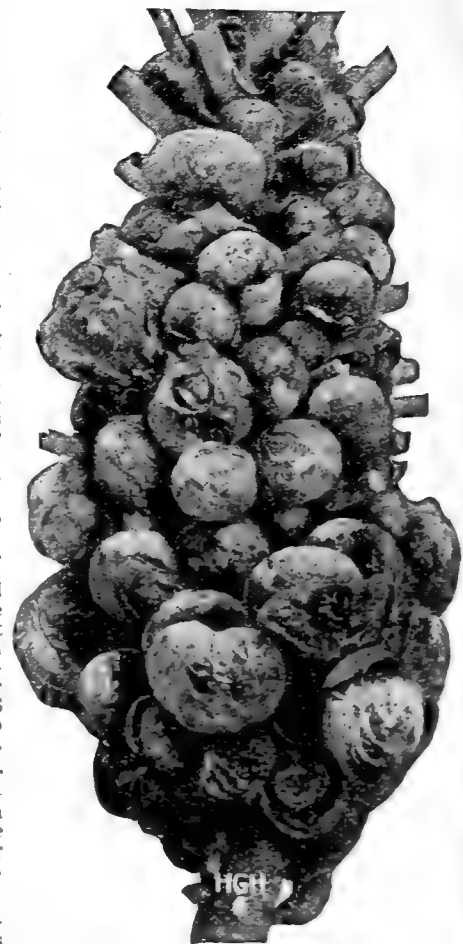
**131 CHERVIL Curled** Hardy annual with aromatic leaves resembling Parsley but considered superior to it. Use the young leaves for flavoring soups and for garnishing meats and vegetables. Our Chervil is finely curled, double, early maturing and with fine fragrance and flavor. Sow very early in spring in good soil. Seed is very slow to start but plants are ready to use in 6 to 10 weeks from sowing. Thin or transplant to a foot apart when 2 inches high. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**133 WATER CRESS** Delicious small salad plant that should be grown wherever possible. Sow seed shallowly in gravelly or mucky soil along small streams or brooks. It does best when streams but will grow in wet soil or in tubs with water-covered soil. Plants increase rapidly and need no culture after planting. Cut shoots often, especially in summer for better growth and the finest salad. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**132 Cress, Extra Curled or Imp. Pepper Grass** For garnishing: leaves frilled and curled. Also eaten with lettuce for its warm, rather pungent taste. Grows rapidly a foot high and is a good salad plant. Plant seed every couple weeks in spring, summer and fall in good soil as plants soon run to seed. Packet, 5c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## 194 CORN SALAD OR FETTICUS

Large Green Cabbaging; also called Lamb's Lettuce. For spring salad or garnishing: a good substitute for lettuce or spinach. Doesn't do well in hot weather so plant early as possible in spring. Ounce plants thirty feet of row. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.



(59) Imp. Dwarf Brussels Sprouts



# CAULIFLOWER

Plant Cauliflower this year and grow just as fine heads as city markets charge 25 to 50 cents a head for. It is almost as easy to grow as Cabbage, if watered, and very easy to tie up the outer leaves over the heads to blanch the "curd" white, firm and tender.

**CULTURE**—Cauliflower should be planted in the South in very rich or well-manured soil. In the spring it should be planted in this latitude very early, but really does better planted in June and July for maturity during the fall months. Sow in seed beds in the same manner as cabbage. Transplant when 4 to 5 inches high and give an abundance of water in dry weather. Soil should be kept moist and cultivated thoroughly and often. In Florida and along the Gulf Coast sow seed in September, October and November. In early spring or late fall one ounce of seed will make 2,000 to 2,500 plants. For warm weather sowings double that quantity of seed will be required. Early varieties, as Gilt Edge and Snowball, mature in about 110 days. Late varieties in 140 to 150 days.

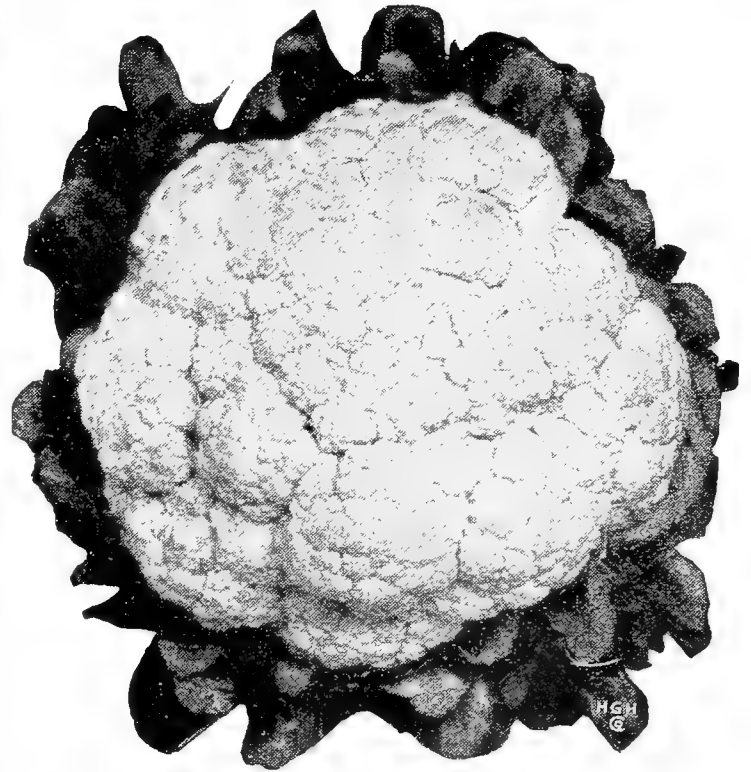
**85 Hastings' Gilt Edge Cauliflower** Gilt Edge in every respect. Largest, most perfect and surest header of all early varieties, and in quality it is unexcelled. One specimen head sent to our store weighed 7 pounds and 8 ounces. In general appearance like Snowball, but a surer header. Packet, 20c.  $\frac{1}{4}$  Oz., 60c.  $\frac{1}{2}$  Oz., \$1.00. Oz., \$1.75.  $\frac{1}{4}$  Lb., \$6.00. Lb., \$20.00.

**86 Early Snowball** An early variety, second only in value to Gilt Edge. Packet, 20c.  $\frac{1}{4}$  Oz., 60c.  $\frac{1}{2}$  Oz., \$1.00. Oz., \$1.75.  $\frac{1}{4}$  Lb., \$6.00. Lb., \$20.00.

**87 Extra Early Paris White** Fine variety for family gardens. Heads medium size. Packet, 10c.  $\frac{1}{2}$  Oz., 60c. Oz., \$1.00.  $\frac{1}{4}$  Lb., \$3.00. Lb., \$10.00.

**89 Large Late Algiers** A very large late maturing, yet heat resisting variety. Especially recommended for May and June plantings to mature in October and November for late fall and early winter use. Packet, 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$6.00.

**90 Autumn Giant** A favorite late variety of Cauliflower. Packet, 10c.  $\frac{1}{2}$  Oz., 40c. Oz., 75c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$6.00.



(85) Hastings' Gilt Edge—Best Early Cauliflower for the South

# COLLARDS

An old-time standby for winter greens all over the South. Not in its best condition until touched by frost. Seed can be sown here from early spring up to August 1st. When plants are 6 inches high transplant to open ground, setting 2 feet apart. Cultivate like cabbage. Sow 1 ounce of seed to 200 feet of row.

**135 Southern or Georgia Collard** This variety is the old-time favorite. Stands all sorts of adverse conditions without injury and will make a good crop where the soil is too poor to grow cabbage. Hardy, standing usual winters without serious injury as far north as Atlanta. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.

**136 Georgia Cabbage-Collard** See picture of this new vegetable or Improved Collard. Be sure to plant it for it is worthy. About 50% form heads, balance have more and better leaves than ordinary collards. A cross between Georgia collard and Charleston Wakefield Cabbage, bred for the easy growth and hardiness of the Collard and the flavor and heading qualities of the Cabbage.

It doesn't winter-kill with ice and snow and stands hot weather as well. Heads are rounded, not as firm as most Cabbages but of delicious flavor boiled or in cole slaw. Winter cabbage is a serious problem in the South but the Cabbage-Collard heads can be left on the plants and used as wanted through the winter. You will be delighted with this and like it much better than any Collards you ever ate. Originated right here in Georgia and so is well adapted to the South. Our own introduction. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Try a packet at least this year. It should be in your garden.

## Get Your Own Commission,

**25%** You are entitled to a Dealer's Commission because you order direct. We have no agents. You select 25% in extra packets of seeds on your order for \$1.00 or more in packet and ounce quantities of vegetable and flower seeds. This unprecedented value means a real Live-at-Home Garden in 1933 for Hastings' 500,000 customers.



(136) Head of Hastings' New Georgia Cabbage-Collard, Hardy as Collards with Cabbage Quality

# Hastings' Frost-Proof Cabbage Plants

These cabbage plants will stand frost with little or no damage and will generally stand light freezes, but when a hard freeze comes, or when we have a fall drought followed by continued winter rains we do not have good saleable plants from the growing station so affected. However, to guard against such mishaps we have growing stations located in South Carolina, Georgia, Mississippi, Louisiana and Texas. It would be quite unlikely for more than two of these stations to be affected in any one year, so we expect to have plenty of these hardy plants for you this year unless there is a complete south-wide freeze out.

The first year, we sold these plants in small postpaid quantities, not believing that we had enough growing to sell in express lots. Nevertheless, it took 16,868,700 cabbage plants to fill these small orders. The second year we received orders for over 40,000,000 and for this season we have prepared for 200,000,000. The Hastings' reputation is behind these cabbage plants, the same as our seeds, and you can depend on their "making good." We advise as early an order for cabbage plants as you consider safe to plant in your particular locality.

To the Market Gardener who grows cabbage for shipment or nearby markets, earliness or quick maturity of the crop is a prime necessity if largest profits from the market are to be secured.

To the Home Gardener who wants earliness in maturity together with avoiding all the trouble of cabbage seed sowing and necessary protection of early sown seed, our practically frost and light freeze-proof cabbage plants are both a convenience and a necessity.

To be assured of having really good plants from good seeds almost regardless of season, Hastings' Cabbage Seed of the varieties below is sown on what you might call a chain of farms in protected locations from the Carolinas to Texas. Seed is sown in the fall and makes a slow and vigorous, hardy growth all during the winter in the open ground. These plants can be planted anywhere in the Central South between January 15th and March 15th with comparative safety, which is impossible with hot bed or greenhouse grown cabbage plants.

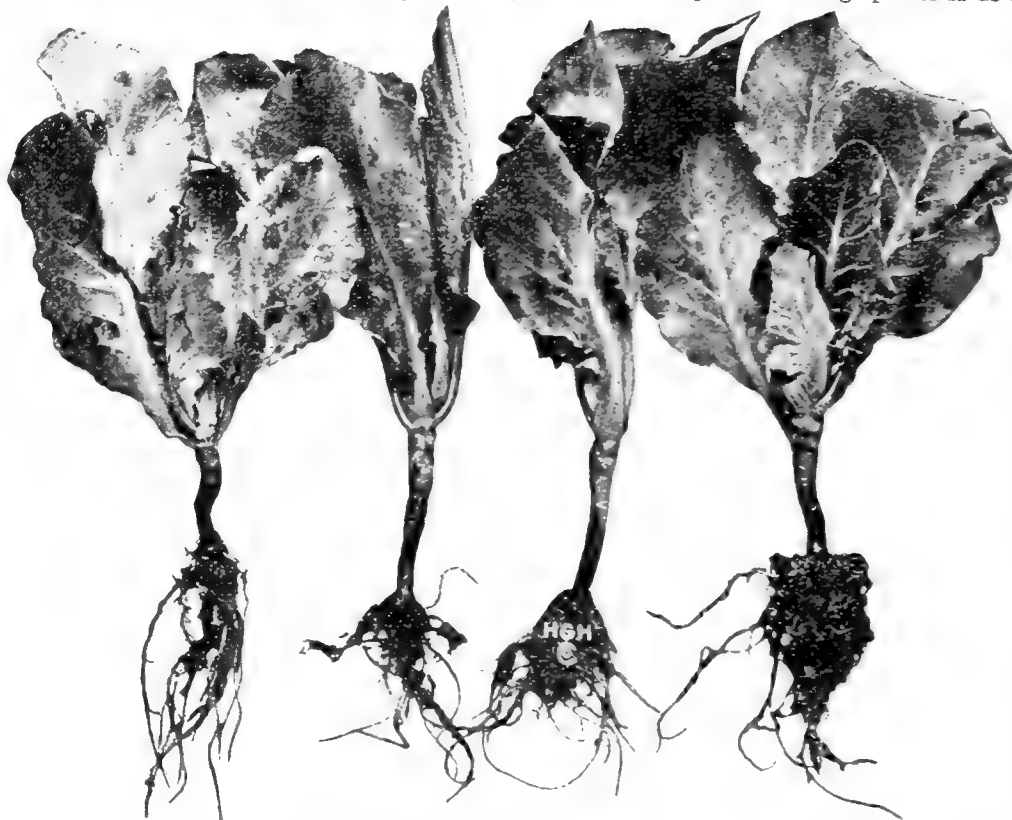
The use of these open air, practically frost-proof plants often enables the gardener to put full-grown heads of cabbage on the market two or three weeks ahead, and naturally he gets the early season top prices for his crop.

To mature good heads the plant must not be too old when shipped. Through the South there are a number of cabbage growers who plant for a surplus of cabbage plants so as to insure having enough plants for their own use in setting out their fields. If everything goes right they have more plants than they need and offer them for sale to you and others. What they get out of these surplus plants is so much clear money.

Here is the real important point, however. Once a cabbage plant gets too old before it is transplanted it is very apt to run to seed instead of producing a good head of cabbage.

You can't afford to take chances and you don't with Hastings'. Order plants sent about two weeks before time to set them out.

Genuine Bermuda Onion Plants are listed on Page 39.



Hastings' Open Ground Grown, Frost-Proof Cabbage Plants—They Are Hardy

## CABBAGE

Hastings' Famous Frost-Proof Cabbage Plants are grown and shipped to you from Atlanta or a near-by growing station.

## PLANTS

Growing Stations are located in South Carolina, Georgia, Mississippi, Louisiana and Texas, providing you prompt, reasonable service all season.

## Varieties: Large Charleston Wakefield and Early Flat Dutch Cabbage Plants

These are the early varieties to plant for the high price early market Cabbage and also for the earliest home garden Cabbage.

## Notice! No C. O. D. Shipments

We will mail these plants at the "Postpaid Prices" named below to any address in the United States except in California, Arizona and New Mexico. All plants must be paid for in advance. ABSOLUTELY No Plants will be sent C. O. D. by mail or express.

## Postpaid Prices

100 Plants of either of the above varieties, 50 cents, postpaid. No order for less than 100 plants of the same variety filled. All orders for less than 250 of the same variety take the 100 rate.

250 Cabbage Plants of the same variety, 75c. 500 of the same variety, \$1.25. 1,000 or more of the same variety, \$2.00 per 1,000.

## Express Prices

All prices above are Postpaid to your mail address. For larger quantity orders by not-prepaid express—5,000 or more plants—kindly write for our closest prices on the quantity you want. It will pay you well to use Hastings' Plants from Hastings' Seeds.

You cannot afford to use plants from cheap European or general western grown seeds, whether for market, shipping or home use. You want good, early Cabbage that makes good solid heads in the South, East and North. Hastings' Seeds are the most dependable sold in the United States. You will always find them thoroughly reliable in garden or on farm acres.

## Hastings' Big 4 Cabbage Seed Collection—25c

### "Big 4" Finest Varieties

Four varieties: Long Island Wakefield, Stein's Early Flat Dutch, Genuine Copenhagen Market and Centennial Late Flat Dutch. HASTINGS' "Big 4" has been known for years and planted by tens of thousands of Southern gardeners. It has given an all season's supply of cabbage, early, medium and late, for everyone who has planted it. At catalog prices these four packets of the best varieties would cost you 35c. We will send you these four packets for 25c, postpaid. In buying our "Big 4" Cabbage Collection you get the biggest and best bargain in cabbage seed ever offered by any seed house. Include it in your order this spring. If you don't want to plant all the varieties this spring the seed will be all right for summer and early fall planting. While these outstanding early, medium and late varieties of Cabbage are first-class for early spring planting they are equally good for summer and early fall plantings. You will make no mistake in ordering HASTINGS' "BIG 4" Cabbage Collection this spring. It is great value for the money and you can't get HASTINGS' SEED anywhere but direct from HASTINGS'. Don't wait, expecting to go up to your merchant at planting time and get them. They won't be there. HASTINGS' SEEDS are never put up in boxes to be sold in the stores. Buy direct from us in Atlanta. You will then know exactly what you are getting—the BEST.



# 250,000 PLANT HASTINGS' CABBAGE



(118) Copenhagen Market—Earliest Large Round Cabbage

## First Early Kinds 118 COPENHAGEN Market Cabbage

Heads exceptionally large for this extra early variety; solid and of excellent quality. Growth vigorous but compact, short stem, upright and with few outer leaves. Heads nearly round, medium light green, thick and smooth. Practically as early as Early Jersey Wakefield and undoubtedly the best of its type, equally valuable for home and market gardens. Copenhagen Market is easily the best first early, round headed variety on the market. There are several strains being sold but you can depend on ours as being the largest, surest hard-header without sacrificing earliness. We find it as early as Golden Acre and with larger, firmer heads. Packet, 10c.  $\frac{1}{2}$  Oz., 15c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.75. 5 Lbs., \$11.00.

## 106 EARLY JERSEY WAKEFIELD CABBAGE

Early Jersey Wakefield cabbage has always been popular for a first early cabbage in the South. Our growers have worked with this variety for years and we now have a strain that is surpassed by none, regardless of price at which the seed is sold. If you are growing the Early Wakefield you need Hastings' strain of seed. Exceedingly hardy, resisting cold and other unfavorable conditions. Plants are compact, erect, slightly spreading and with few outer leaves that are smooth, thick and dark green. Heads medium sized, solid, uniformly pointed and of excellent quality. More sharply pointed, earlier and somewhat smaller than Charleston Wakefield type, of which Long Island Wakefield is the leading strain. Packet, 10c.  $\frac{1}{2}$  Oz., 15c. Oz., 25c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## 105 Hastings' Famous Long Island Wakefield Cabbage

Largest, earliest and surest header of all the larger Wakefield varieties. Earlier, larger and finer bred than other strains of Charleston Wakefield,  $1\frac{1}{2}$  to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good and favorable weather conditions in the spring it is often ready for use in 50 days from transplanting. It is the right variety for the best pointed cabbage for shipment and it makes a splendid first early cabbage for home use. Leaves rather large, smooth and thick. Plants are of medium size, vigorous and slightly spreading. Heads are blunt pointed and very wide at base. Its exceptional hardiness, earliness and fine size and shape of head have made it the popular market gardeners' favorite. Our great strain of this Charleston or Large Wakefield type Cabbage is depended on for uniformly fine, marketable heads and for home garden satisfaction. Packet, 10c.  $\frac{1}{2}$  Oz., 15c. Oz., 25c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

A quarter of a million is a large number of people, yet a few thousand more than that plant Hastings' Cabbage Seed of different varieties every year. Since we started in business in 1889 we have made a specialty of the very highest grade of American-grown cabbage seed. In our seed crops, every head of cabbage is most carefully inspected before it is allowed to produce seed for us. We know it is right. We have only one grade—the very best that can be grown—and the buyer of a 5 or 10-cent packet gets exactly the same quality as the big trucker or market gardener buying in 50 to 100-pound lots. If you want success in growing cabbage, you must plant the right cabbage seed, and the Hastings' quality is exactly what will please you and pay you, this year and every year.

**CABBAGE CULTURE** For home gardens the seed for early cabbage can be sown in boxes very early, kept in sheltered spots and covered when there is danger of freezes. Later plantings may be made in open ground as early as ground can be worked. Work soil in seed beds as fine as possible. Beds should be slightly raised for drainage. Do not fertilize soil in seed beds to make it any richer than the open ground in which the crop is to be grown.

Sow seed in drills 6 inches apart across the bed, dropping the seed 5 or 6 to the inch. Thicker sowings than this mean spindling, unhealthy plants. Cover seed about  $\frac{1}{4}$  inch in heavy soils,  $\frac{1}{2}$  inch in light sandy soils; firm the soil after covering and then water the bed thoroughly. Keep beds moist but not soaking wet. Seed germinates in 3 to 8 days, according to weather. Keep young plants growing steadily from the start. When plants have made the fourth or fifth pair of leaves transplant to open ground. One ounce of seed usually makes at least 1,000 good strong plants. Sow  $\frac{1}{2}$  to  $\frac{3}{4}$  Lb. of seed for plants to set one acre. For Success, Plant Dependable Seed.

## CABBAGE PLANTS

Seed, of course, is cheaper than plants and the only advantage in using plants is that of getting earlier matured heads. Seed for our plants is planted in the fall, in beds, in the open ground. There they become well started before winter and are able to withstand considerable cold, even freezing unless the change is sudden or warm sun thaws them out too rapidly after the freeze. They have stood 18° temperature when cloudy weather followed the freeze. We can be reasonably safe in saying they are frost-proof. They may be set out earlier than hot-bed or cold-frame plants and thus are matured earlier, either for home use or high early market prices. Hastings' Seeds and Plants are the best you can obtain.



(106) Early Jersey Wakefield Cabbage—Earliest Pointed Heads



(105) Hastings' Long Island Wakefield, Best Large Early Pointed



(120) Hastings' Genuine Surehead Cabbage

## MEDIUM EARLY CABBAGES

### 100 ALL SEASONS

A favorite that we have greatly improved in the past few years. A reliable header, resisting heat and drought well and valuable for spring planting. The heads are nearly round or somewhat flattened, very solid and of excellent quality. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

### 116 SUCCESSION

Long a favorite with Southern market gardeners and shippers. A good second early, following in maturity varieties like our All Head Early and Sure Crop, and is a splendid general-purpose cabbage for both spring and fall planting. Medium to large size, solid and a reliable header. The plants are vigorous and strong growing with short stems and have numerous, rather short, outer leaves which are somewhat frilled. Excellent quality, and one of our biggest sellers. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

### 103 PERFECTION SAVOY CABBAGE

Tenderest and finest flavored variety of cabbage. Does not head well in hot weather, hence should be planted in July and August for heading in fall and early winter. Leaves are savoyed or somewhat crumpled. This splendid variety should be planted in every home garden because it is not only the tenderest and finest flavored but it is also the handsomest, an all round delight. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**117 BLOOD RED ERFURT** This is the best red Cabbage for planting throughout the South. It is of good medium size and a sure heading variety. While it is very largely used for pickling, it is also colorful and attractive in "Cold Slaw" and fancy grocers have created a demand for it in the cities. It is fine for home garden and market use and the rich carmine red color is a decided advantage. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## ALL-HEAD EARLY CABBAGE

**121** The illustration is from a photograph of four fine heads of this variety grown by one of the many gardeners growing this famous variety. You will agree with us that it is a head of cabbage hard to beat. All-Head Early is an early drumhead variety, a sure header with half a chance and well named "All-Head" on account of its few outer leaves. One week earlier than the Old Early Summer and is the finest in existence for a medium-sized, early cabbage. We receive unsolicited testimonials from all over the South each year praising All-Head Early. The fact that so many market gardeners plant it every year should convince every cabbage planter that it is a cabbage worth planting for sure returns here in the South. Fine for home gardens, too. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

# GENUINE SUREHEAD

**120** We have sold tens of thousands of pounds of seed of this variety, and it is the most popular variety for main crop that we catalog. Our special strain of Surehead never fails to make fine, large, solid heads with few outer leaves, as shown in our illustration. Surehead is the result of a cross between the Early Flat Dutch and a hardy Drum-head variety and has the good points of both combined. A strong, vigorous grower, maturing for main crop, and is very uniform in size, shape and color. Good for spring planting everywhere in the South and one of the best for late summer planting in the Central South and fall planting in the Lower South for maturing in winter and fall. It is hardy, a splendid keeper and good shipper. Invaluable for home garden and one of the best for market use. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## HASTINGS' SURE CROP

**MEDIUM EARLY** Earliest of all the large, round, flat varieties. We have sold Sure Crop since

**101** 1893 in every Southern State and it is planted every year by more people than any other variety with the exception of our Genuine Surehead. Adapted for both spring and fall plantings, for shipment, for nearby markets and home use. On good soil, with proper cultivation, the heads weigh from 6 to 10 pounds, very firm and

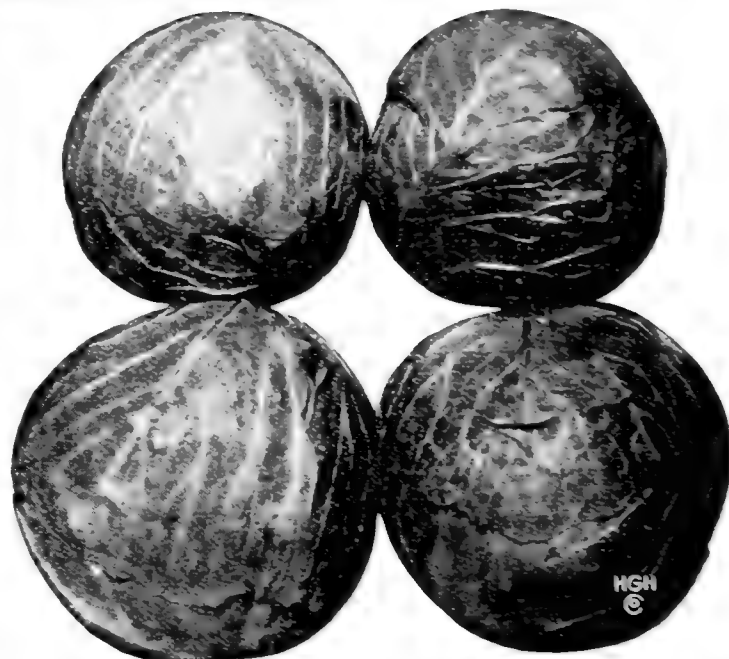
solid, uniform in shape and size, well flattened on top. In quality it is most excellent, being crisp and tender and when rightly cared for scarcely a plant will fail to form a good marketable head. Color a very dark green, holding up splendidly in shipment. Well adapted for spring planting in the South, except South Florida, where fall planting only is advised. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.



(101) Hastings' Sure Crop—Largest Medium Early Flat Cabbage

## Early Winnigstadt

**104** Fine, sure-cropping, medium early, hardy Cabbage with a very hard, sharply pointed head. Medium size, good quality and keeps very well. Upright growth; rather short, thick, dark blue-green leaves that resist cold, wet weather and insects remarkably well. For home garden use only. It is not large enough to ship but makes a fine size for ordinary family use. Many who know Winnigstadt want no other kind. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.



(121) Hastings' All-Head Early—Great Heading Variety

## 125 STEINS EARLY FLAT DUTCH

Next to our Centennial Late Flat Dutch the most popular cabbage in South Texas and Gulf Coast sections for a market and shipping variety. This is a splendid strain of Flat Dutch cabbage, just a little later than other Early Flat Dutch varieties, just a little earlier than Centennial. A trucker should divide his crop between Steins and Centennial to insure a longer shipping season. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

### III DANISH BALL HEAD

A handsome, hardy, late cabbage, making medium-sized, very hard heads. A splendid cabbage to plant for late maturity. The irregular character of growth of the plant does not seem to affect its valuable, hard-heading qualities. Particularly desirable for home keeping and distant shipping with its keeping qualities. Plants vigorous and compact with few large, thick, long upright leaves. Stems are of medium length. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

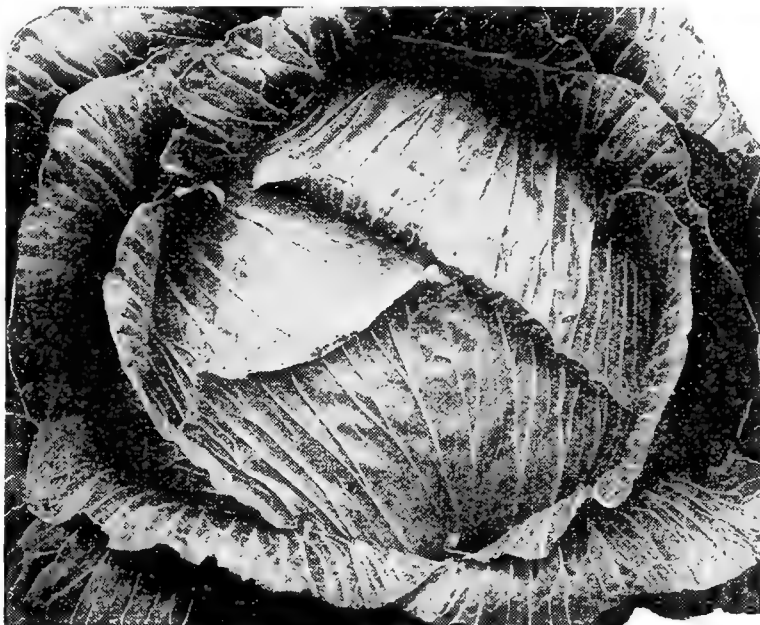
## 110 HASTINGS' CENTENNIAL Late Flat Dutch Cabbage

Notice our illustration from a photograph of a head of our Centennial Flat Dutch. This cabbage during the last few years has made some wonderful records in Florida, Mississippi and Texas both from spring and fall plantings, and it will do the same for you. Hastings' Centennial Late Flat Dutch, the best main crop, heavy producing strain of Late Flat Dutch, is to cabbage growers what Hastings' Prolific is to corn-growers. While we do not recommend it for an early cabbage, for main crop and late it is about the best you can plant. The only objection we ever heard is that on very rich ground it grows too large. This can be controlled by planting rather close in the row. Good for either spring or fall planting, being remarkably hardy, vigorous and resistant to both heat and cold. We sell more of this to cabbage growers for shipment in Gulf Coast sections than all other varieties combined. For home gardens, Centennial is unexcelled for later use after early varieties are gone. Its vigor makes it especially valuable to grow under unfavorable conditions. If you have planted it before you know this. If not, plant some this spring and see what real good cabbage is. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

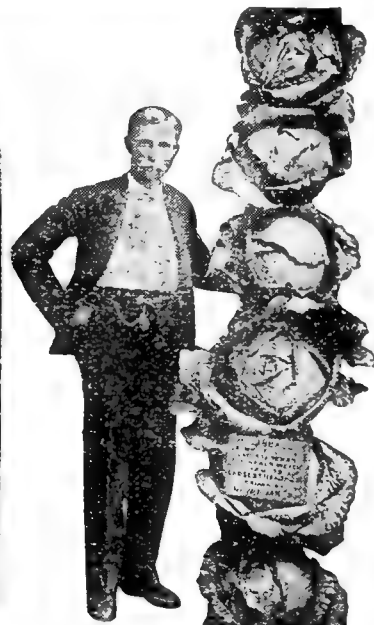
**Remember** When you buy Cabbage seed, you want the finest heading plants and you cannot afford to take chances on getting fairly good seed. Best seed is always cheapest.



(125) Steins Early Flat Dutch Cabbage—Big Cropper



(110) Hastings' Centennial Flat Dutch, Greatest Cropper Known. Good in 1907—Best Now.



(126) Chinese Cabbage or Pe Tsai—Real Table Delicacy

## 126 CHINESE CABBAGE

**PE TSAI**—Sometimes called Wong Bok, Lun Ga Bak and Celery Cabbage. This extra fine vegetable of the cabbage family is in a class by itself, the finest in flavor and quality of all cabbages. The outer leaves are long but look like ordinary cabbage in texture. Stripping off the outer leaves, you have an appetizing picture of lettuce and celery combined—cool, crisp and inviting.

Shredded, it outclasses the finest cabbage slaw or dressed it easily beats raw cabbage salad. It's fine for a combination salad and the midribs are just as enjoyable as celery, or asparagus. When cooked it is delicious and also sweet.

Hundreds of carloads of Chinese Cabbage are being shipped to Eastern markets and it has an all-year-round market sale. Planted early, it is easily grown in the home garden and if a little care is taken in tying up the leaves it blanches beautifully to a creamy white, has almost a sweet flavor, very mild and pleasant. The leaves have large, tender midribs to cut up for salads or to cook like asparagus. Cultivate like cabbage.

**126 Pe Tsai, Chokurei** The leading and most popular and satisfactory variety for all Southern planting. Large outside leaves with a yellowish color; inner leaves well rounded, resembling Cos Lettuce when mature. The heart is pure white, tender, sweet and delicate in taste. The young leaves are very popular for salad use. It is very hardy and will keep through the winter to early spring if stored in a good cellar. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

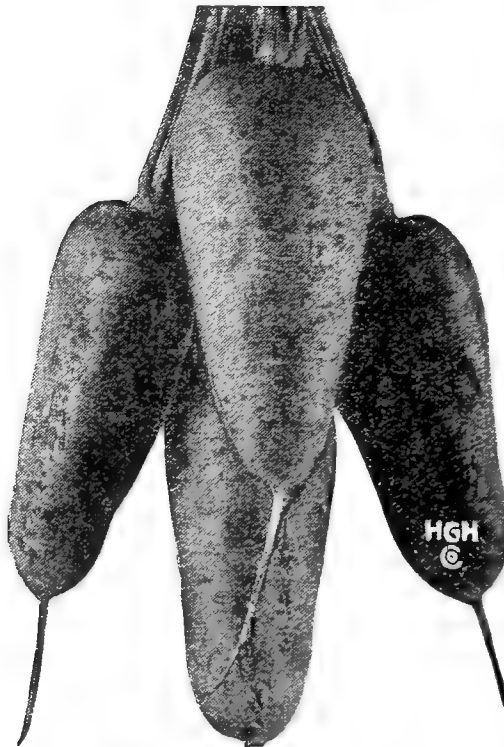


# HASTINGS' CARROTS

**Culture** Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart in early spring when leaves are starting out. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row. Cultivate frequently; keep ground free from weeds and grass. Sow 1 ounce of seed to 100 feet of row.

**65 Chantenay** Half-long, medium early. This beautiful stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 2 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to the base. Flesh is very crisp and tender, roots are ready for use as early as any and excellent for bunching. Very easily harvested and its great productiveness and excellent quality make it the most popular variety both for market and home use. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**71 Red Cored Chantenay** NEW. An absolutely new and most beautiful of all carrots. Identical in size and form with the Chantenay but of deep orange-red color. Its beauty is not merely skin deep; its wonderfully attractive color goes through to the very center. The yellow ring usually found around the core of carrots has been bred out in this new variety and a much sweeter, richer flavor has been acquired. This extra fine flavor alone, without taking into consideration its attractive appearance, is enough to fully establish its superiority. The superb color, fine quality, crispness and heavy yield all combined will undoubtedly make this the most popular carrot variety on the list as soon as it becomes known. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.



(65) Chantenay Carrot—The Standard.



(64) New Emperor

**64 New Emperor Carrot** 1932-1933 All-American Selection, Award of Merit Winner. Remarkable introduction which fills the great demand for a longer Carrot than Chantenay but with the quality of this short rooted variety. Emperor has attractive roots, 7 to 8 inches long, slightly tapering, sloping shoulders and just enough top to bunch well; a little longer root than Danvers. Emperor color is deep solid orange from the exterior all through to the middle of the root. It is prolific and of high quality, brittle, tender, sweet and delicate in flavor. We recommend this outstanding Carrot for home gardens, truckers and shippers. It is delicious from the home garden and also it allows Southern and Eastern growers to compete in the markets with California Carrots elongated under irrigation. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for larger quantity prices.

**66 Oxheart or Guerande** See illustration below. This fine variety is the best of the shortened, thick-formed carrots. Roots are 3 in. wide at top and taper to a 2-inch diameter at bottom. Length from 4 to 5 inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts have to be dug. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**67 Red St. Valery** See illustration on the right. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with our customers, especially in drought sections. Not of finest table quality. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 80c. 5 Lbs., \$3.20.

**68 Danvers Intermediate** Bright deep orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety and adapted to all types of soil. Mature roots are 6 to 8 inches long. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

**69 Improved Long Orange** Old, well-known variety. Roots often 12 in. long and of a deep rich orange color. A very heavy cropper, so heavy, in fact, that it is profitable to grow for stock feed, while in quality it is a tender table carrot. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., 90c. 5 Lbs., \$3.60. Write for quantity prices.

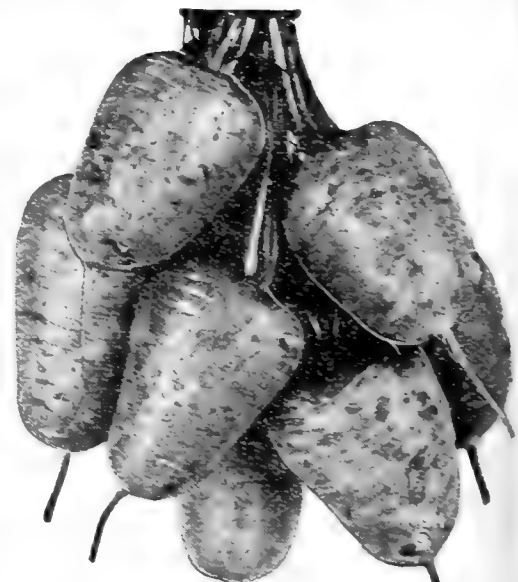
**70 Large White Belgian Carrot** The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy cattle the flow of milk is largely increased. One thing must be remembered when large crops are wanted, and that is the crop must be fed with manure or commercial fertilizers. Sow in drills 3 feet apart, using 4 pounds of seed per acre. When well up, thin out the plants to 6 inches apart. They should be grown on land that has been previously cultivated and worked deeply. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices when ready to buy.

## 500,000 Customers Can't Be Wrong

Hastings' Seeds, Plants and Bulbs are planted regularly by half a million families because they represent the highest quality and greatest money values in planting stocks. Take full advantage of your 25% in extra seeds and have a real garden in 1933.



(67) Red St. Valery.



(66) Oxheart or Guerande Carrot

# Hastings' Sweet and Roasting Ear Corn

**Culture** The grains of sweet corn are shriveled and rather tender and cannot be planted quite as early as field varieties. Leaves on trees should be well out and the ground warm before planting. Make hills  $2\frac{1}{2}$  to 3 feet apart each way, dropping 5 or 6 grains in each hill, thinning out afterward to 2 or 3 stalks to the hill. A continuous supply can be kept up by planting early, medium and late varieties at one time, or by making several plantings at intervals of 15 days. Seed required: One pound to 200 hills, about 14 pounds (1 peck) per acre.

**155 Hastings' Early Market** Our new "roasting ear" corn for earliest planting on rich or very highly fertilized land. Even called a 50-day corn, making roasting ears 10 to 14 days quicker than Truckers Favorite. 5 to 8 feet high, usually two 8-inch ears per stalk; splendid yielder of good quality for earliest home or market use. White grains, well formed ears; similar to Adams Early but earliest of all. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs. or over, 8c per Lb.

**150 Truckers Favorite** Not a sugar corn but for the finest "roasting ears" in 65 to 85 days, 100 days to maturity. This makes a good sized ear of beautiful market and table appearance. One to two 8-inch ears per stalk; white, deep grains, sweet and exceptionally tender; perfectly formed ears. Earlier than Adams Early and particularly valuable to plant very early or very late. In Atlanta, Truckers Favorite always brings much better prices than others for roasting ears. A splendid shipping variety. Packet, 10c. Lb., 30c. 2 Lbs., 45c. Not Prepaid—14 Lbs. (pk.), \$1.00. 56 Lbs. (bu.), \$3.50.

**154 Adams Large Early** Very hardy and can be planted earlier than sweet corns. Has small stalk and can be planted close. More valuable for the market than for home gardens as it lacks fineness of flavor found in sweet varieties. Give the best cultivation and very rich soil. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Not Prepaid—10 Lbs. or over, 8c per Lb.

**151 Yexo Sugar, Earliest Large Sweet Corn** Earliest true sweet corn for Southern plantings. Our own introduction, combining earliness and productiveness with fine flavor. Produces 2 to 3 medium-sized ears to each stalk, the ears being well filled with tender sweet corn. We recommend Yexo very highly to those who wish to combine earliness with best possible quality. Look at the illustration. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, 14c per Lb.

**152 Country Gentleman** The finest quality variety of all the mid-season sorts of sweet corn grown in this country. Makes 2 to 3 good sized ears to the stalk on rich ground. Grains small, much shriveled, but very deep. Quality unexcelled and no garden should be without a few rows. Just boil and spread a little butter on. It will make your mouth water. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, 14c per Lb.

**168 Evergreen Golden Bantam** This new variety we were very glad to introduce to our trade. It is a cross between Stowells Evergreen and Golden Bantam. Lighter in color than Golden Bantam and holds its most delicious flavor and adds the larger and better ears of Stowells Evergreen. Read the description under these two sweet corns and you have Evergreen Golden Bantam. We believe it is the finest sweet corn offered. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, 14c per Lb.

**167 Golden Bantam** A superb early sweet corn. For an extra early has a flavor all its own. Two ears to the stalk; ears six inches long and eight rows of grain. Golden Bantam is in a class by itself. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, 14c per Lb.

**153 Stowells Evergreen** The standard main crop variety. Ears of large size, long and well filled. Under good cultivation produces three ears to stalk. Stalks large and strong, grains of good size, long and deep; cob small and slender. Holds in good eating condition longer than any other and adapted to all the South. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, 14c per Lb.

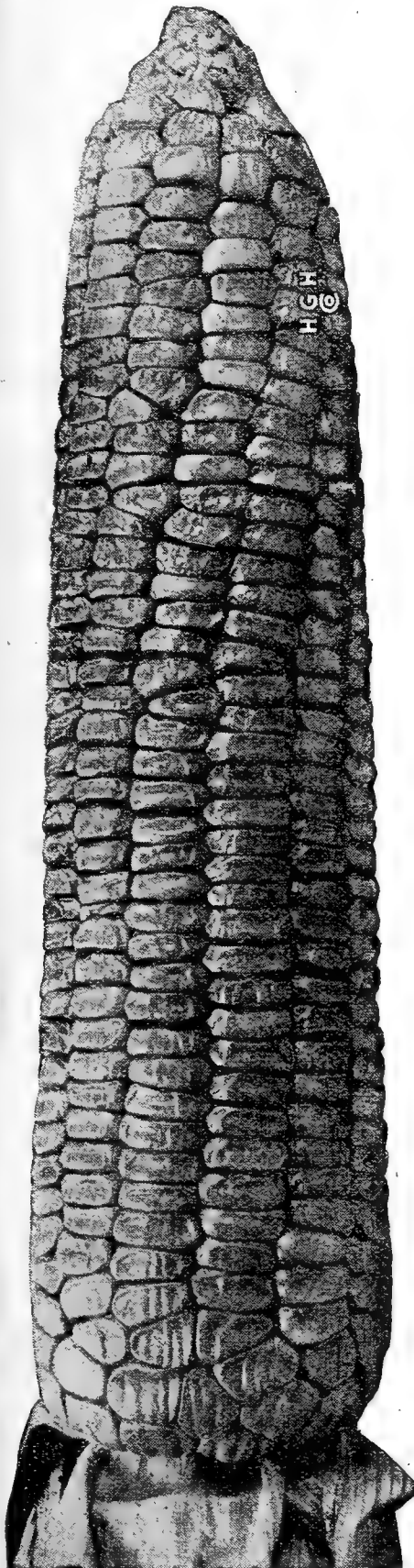
**160 Popcorn--Monarch White Rice**

Give the children corn to pop during winter. White Rice has white, large pointed grains that pop nicely. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lb. lots, 10c per Lb.

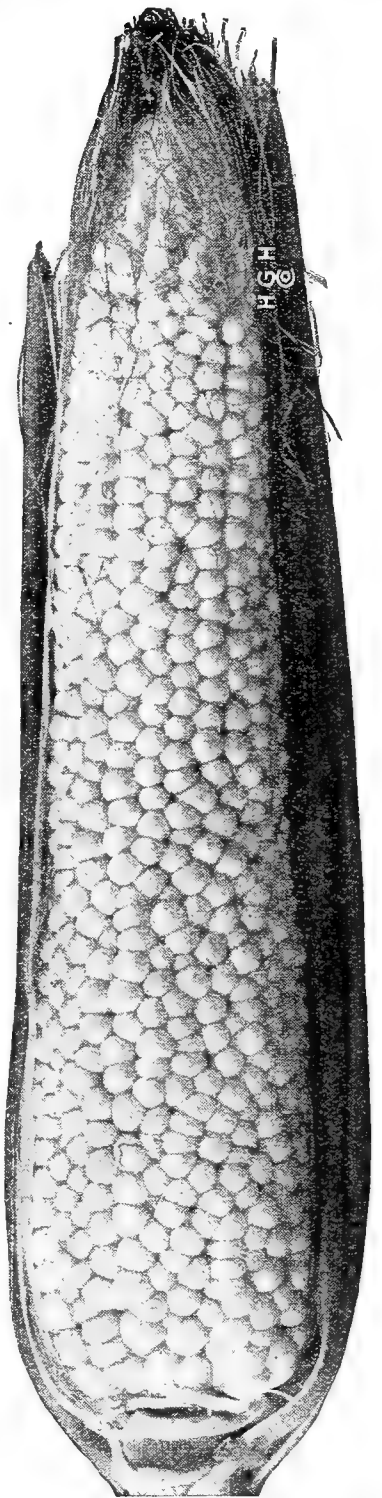
**163 Popcorn--Dynamite** Great South American variety popping its golden kernels double the size of others. Rich, buttery color and flavor; no hard centers. Usually 2 ears, 6-7 in. long and 12-14 rows, per stalk. Pops to enormous size. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs. or over, 10c per Lb.

**162 Popcorn--Japanese Hull-Less** Cleanest popping corn. Very small, white full ears. Not as heavy bearing but popcorn men prefer it at a higher cost for popping. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs. or over, 12c per Lb.

**140 Hastings' Prolific** A splendid variety for "roasting ears." See Pages 56-57 for this and other field corns. Packet, 10c. Lb., 30c. 2 Lbs., 45c. Not Prepaid—14 Lbs. (pk.), 90c. 56 Lbs. (bu.), \$3.00. 112 Lbs. (2 bu.), \$5.75.



(151) Yexo, Earliest Large Sweet Corn



(152) Country Gentleman Corn

# Best Cucumber Seed

**Culture** Cucumbers are very tender and should not be planted until ground becomes warm. If planted earlier than this they should be protected. Plant in hills 4 feet apart each way. Where well-rotted manure is obtainable work a large shovelful of it into each hill. Plant 8 to 10 seeds in each hill and when plants are well up and have rough leaves formed, thin out to 4 in each hill. Cover seed  $\frac{1}{2}$  inch in clay and heavy soils and 1 inch in light or sandy soils. Soil which covers seed should be worked down fine. Keep plants well cultivated up to the time they begin to run; after that confine cultivation to pulling out any large weeds that appear. Pick the cucumbers as soon as large enough for use, for if left to ripen the plants soon cease bearing. Seed required: One ounce to 60 hills; about 2 to 3 pounds per acre.

## 180 Hastings' White Spine

### SPECIAL SELECTION

## Finest Extra Dark Strain

We are glad to offer our newly perfected strain of White Spine Cucumber and we make a big claim along with it. It is the greatest Cucumber on the market. It has no superior for general and market garden use and it is the best shipper of them all. It holds its intense dark green color better and stays in good eating condition longer than other strains of White Spine Cucumbers. In each seed crop, fruits are carefully selected to give you seed that will produce fruits symmetrical and uniform in shape, with smooth skins and of handsome tapering appearance. Its size when mature is about  $8\frac{1}{2} \times 2\frac{1}{2}$  inches; weighs about  $1\frac{3}{4}$  pounds; is ready for eating in about 58 days. It is an extra early variety, crisp and tender, holding its fresh, dark green appearance long after being gathered. This is the best all-round variety—fine for home gardens, great marketing variety and the profit maker for the trucker who ships. If you grow Cucumbers, plant Hastings' White Spine. Special Selected Seed from Hand-Selected, Hand-Picked and Hand-Cut Fruit. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 175 Early Fortune

White Spine. Used extensively by many in Florida for Northern shipping. Of dark green color which holds for many days after picking. Early Fortune does not show up white color before maturing, as do most of the old strains of the White Spine. Stays plump and fine looking for days after reaching markets North. Has a tapering shape, has a regular growth and carries a dark green color seldom found in cucumbers. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 90c. 5 Lbs., \$3.60. Write for larger quantity prices.

## 184 The Klondike

White Spine. Hastings' Special Rocky Ford Strain. Our special strain of Klondike is very regular in size, color and growth. It's a very attractive dark green that stays for days after being picked and shipped. Cucumbers are about 7 inches long, 2 to  $2\frac{1}{2}$  inches across and weigh about  $1\frac{1}{2}$  pounds. Regular in size and shape; extra early, very crisp and unsurpassed for slicing. They make excellent pickles when young. Very hardy, prolific and a sure cropper. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

## 176 Stays Green

White Spine. Really a great new variety. Medium sized, glossy dark green, white spine Cucumber; 7 to 8 inches long, cylinder shaped variety. Coming into great popularity with shippers and a good home garden sort because it retains its fine color a very long time. Young fruit is well adapted for pickling and mature fruit is remarkably well adapted in shape and size for packing and shipment. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

## 177 Clark's Special NEW

White Spine. 1932-1933 All-American Selection, Award of Merit. We still stick to what we say above, although this new variety was selected as probably the finest dark green, white spine Cucumber to date and good for all purposes. Main crop variety, holding its color and firmness in distance shipping and on account of its small seed pocket is excellent for slicing. Its quality is excellent. Attractive deep green, uniform in length, 8 to 10 inches, very smooth in appearance and with few white spines. Pkt., 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.



(180) The Finest Cucumber on Earth—Hastings' White Spine Cucumber for Market Gardeners, Shippers and Home Use

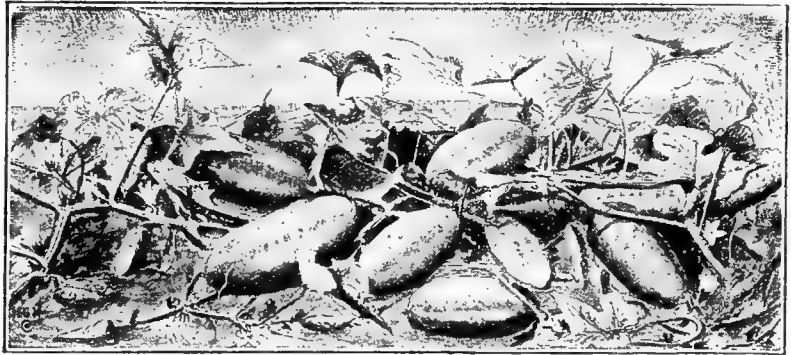


(184) Klondike Cucumber—One of Our Varieties That Always Stays Green—A Sure Cropper



# For Home Garden or Market Use

**186. Our Everbearing Black Spine.** Distinct from all others on account of its close, bushy growth and everbearing character as shown in our illustration. The first cucumbers are ready extremely early and vines continue to flower and produce fruit until late in the season, whether the ripe cucumbers are picked off or not, differing, in this respect from all other varieties. A single vine will show at the same time cucumbers in every stage of growth, the smaller ones being perfect in shape, of a fine green color, just the right size for pickling. As they grow larger they are entirely satisfactory as a slicing cucumber. Most popular home garden variety, but is not for shipping. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

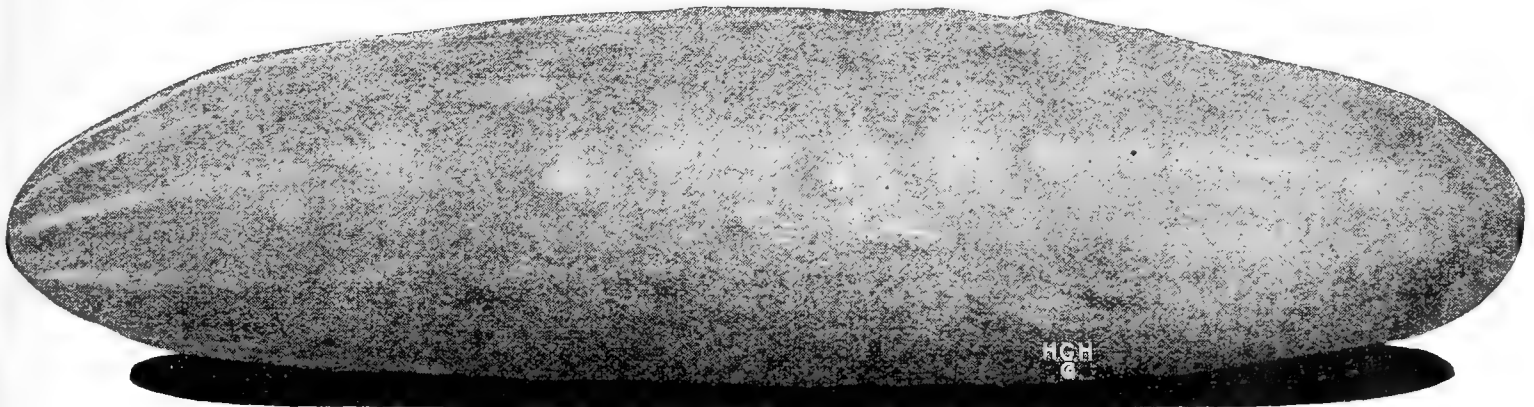


(186) A Single Plant of HASTINGS' Everbearing Cucumber

**181 Improved Long Green Black Spine.** A standard for slicing or pickling. Extremely prolific, medium late, very hardy and most disease resistant variety. Ends taper slightly and it is slightly warted. Small pickles are well shaped and in slicing stage very attractive, crisp, tender and free from bitterness. Very long, large fruits when mature. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

**178 Early Green Cluster Black Spine.** A standard, well-known variety. Good for both slicing and pickling. It is very prolific and uniform and with smooth skin. This is a mighty fine home garden cucumber that gives great satisfaction and is very popular. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 90c. 5 Lbs., \$3.60.

**183 Chicago Pickle** The standard variety grown for pickling purposes. While they can be used when full grown for slicing, yet it is pre-eminently a pickling variety, its small size, dark green color and enormous productiveness making it a favorite for that purpose. The pickling factories usually insist on this variety for uniform pickling. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



(179) DAVIS PERFECT CUCUMBER—PROLIFIC FAVORITE WITH TEXAS AND FLORIDA GROWERS

**179 DAVIS PERFECT White Spine.** An almost ideal cucumber in shape, tapering at both ends; rich dark green color; it is uniform and regular in size; exceedingly tender and as a slicing cucumber for the table is really delicious. It is almost seedless one-third of its length from the stem end, and the seeds that are contained in it when in slicing condition are so small and tender that they are almost unnoticeable. It is an exceedingly prolific variety. A highly popular shipping variety because of its deep green color, early maturity, and handsome appearance. It is about 10x2½ inches, weighing about 2 pounds when mature. It is the most popular of the White Spine strains and Hastings' special selected seed stock is now the best selection grown. From Hand-Selected, Piled and Hand-Cut Fruit. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

**185 JAPANESE CLIMBING CUCUMBER Black Spine.** The vines attain twice the length of common varieties. Young plants are bushy, but as soon as they are well established begin to throw out runners and climb, so may be grown on fences, poles or trellises, thus saving much valuable space in small gardens. Fruits 9 inches in length by 2½ inches across when mature, of fine green color; flesh is thick and firm, never bitter, a superb variety for slicing. When young, makes fine pickles. Very prolific; fruits are raised well above the ground so seldom suffer from wet weather or insects. Vines are almost mildew-proof and continue in bearing until late in the season. This excellent climbing variety is noted for standing hot dry summers without serious harm and so is well adapted to our Southern climate. It also does well north. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

**187 GHERKINS** Small fruited, 2 to 3 inches long, well rounded and covered with small spines. Gherkins make the finest kind of pickles, are in demand for hotel and high class restaurant trade and many prefer them to Cucumber pickles. For pickling only. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. 5 Lbs., \$8.00.

**174 LEMON CUCUMBER** This is one of the most pleasing and easily grown novelties that has appeared in years. A delicious lemon-shaped and colored cucumber of finest flavor and texture. Exceedingly prolific, in fact we believe bears more than any other Cucumber, and a most delightful variety for your home garden. Fine for slicing and making salads or can be eaten like a radish. Lemon Cucumber has won its way as a great favorite wherever it has been grown. It can also be used for pickling and it is considered the finest in flavor of all Cucumbers. Notice the picture below. It gives an idea of the great prolificacy of this exceptionally fine variety and you will be more than glad you planted it. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. 5 Lbs., \$8.00.



(174) Plant of Hastings' Lemon Cucumber—Finest in flavor.

# EGGPLANT

Hastings' Eggplant is the finest that can be grown. It is becoming very popular in home gardens, especially as it is a good substitute for meat. When cooked in fat it has a fine food value and mighty good to eat when sliced, rolled in beaten egg yolk and bread crumbs, seasoned and fried. Also is fine to stuff.

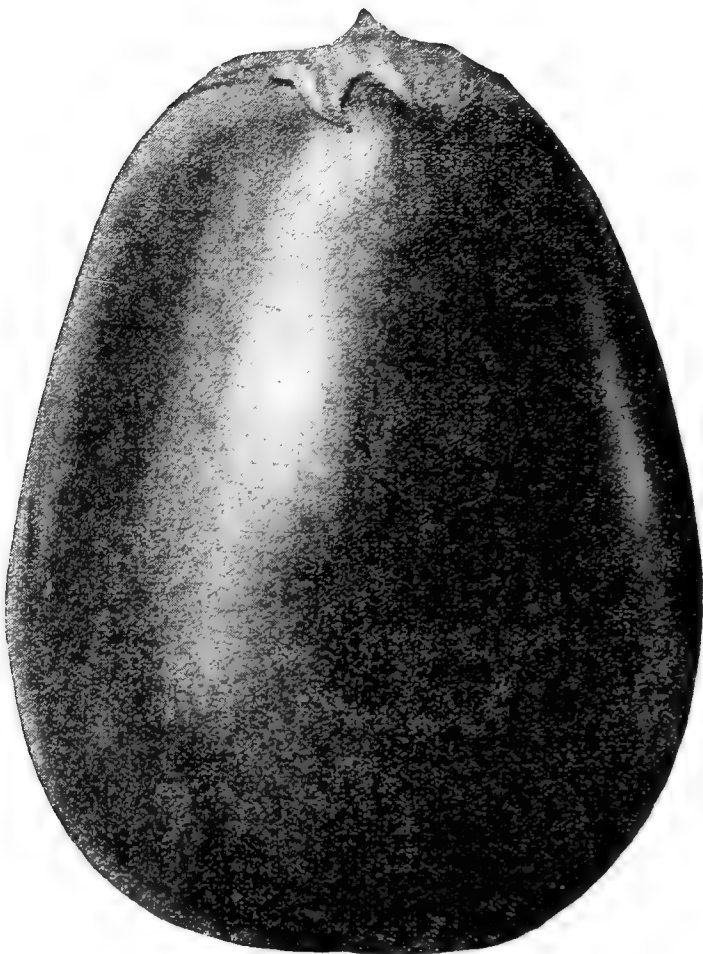
**Eggplant Culture** In the Lower South seed should be sown in hot beds or frames in January or February. In the latitude of Atlanta hot beds should be started between February 15th and March 15th. Great care should be taken as eggplant will not germinate freely in an average temperature less than 65 degrees. When plants have made the fourth or fifth pair of leaves they may be set in open ground, if danger of frost is past, placing them 3 feet apart each way. Cultivate often, keeping free from weeds and grass. In June and July seed can be planted in Florida for fall and early winter shipping crop. Packet makes plants for 200 feet of row. Use ½ Lb. seed per acre. Matures in about 120 days.

**190 Hastings' Improved Large Purple Thornless Eggplant** Standard variety for all parts of the South for home use or shipment. Fruits are splendidly and evenly colored with rich, dark purple and 90 per cent or more of the plants are thornless. In no crop do we exercise more care than with this variety. In a properly cultivated crop, streaked or off-colored fruits are almost unknown. Plants are strong, vigorous growers, producing from 5 to 8 large fruits of dark, rich purple color. Earliest of large fruited varieties and always gives satisfaction under proper cultivation. The vigor and strength of this variety make it less subject to effect of "blight" and "dieback," which is so disastrous to this crop in many parts of Florida. All so-called spineless eggplants have some spines but Hastings' Improved has less than any other. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**191 Black Beauty** A very desirable variety, popular for market because fruit holds its dark, rich purple color for a long time. Large, almost as large as our Improved Large Purple, and matures a little earlier; symmetrical in shape and a very satisfactory Eggplant. It is a standard sort, prolific and of good quality, early and valuable. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**189 Florida High Bush** For home gardens and nearby markets. Plants prolific, strong and stand bad weather. Fruits higher than others which is advantageous in keeping out rot and blight. Fruit is uniform dark purple and very attractive. Excellent for slicing, fine quality and no waste. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.00. Lb., \$3.50.

**188 Florida Special Eggplant** Earliest, new variety; high-bush or tree type, maturing in about 110 days. Egg is more meaty, of much better shape than Florida High Bush and while not as tall, fruit is held well off the ground. More vigorous than Black Beauty but resembles it in handsomely shaped, rich, lustrous, dark purple-black fruit. Very prolific, a fine shipper and seems to stand sun and heat better than others. Especially adapted to Florida conditions. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.



(190) Hastings' Improved Large Purple Thornless Eggplant

## ENDIVE

Endive is one of the finest and best salads grown and also makes beautiful garnishing, splendid "greens" and fine flavoring for stews and soups. Every home garden should have Endive, both in spring and fall. Southern people don't know Endive very well or it would be more popular. It attracted more attention than any other vegetable growing in the Hastings' Garden Exhibit at the Great Southeastern Fair. Plant seed in early spring or fall in shallow drills about 18 inches apart and thin plants to a foot apart. When nearly grown and dry, leaves may be tied up over the center to blanch the heart of the plant. Cover fresh plants every few days for a succession of the finest and most attractive salad plants.

**193 Early Green Curled** Our strain of this splendid Endive is hardy, vigorous and growing, with bright deep green finely divided leaves and blanch very readily to a rich cream color. The midribs of the outer leaves usually are tinted rose and the large mass of leaves blanched in the center makes a very beautiful plant as well as a delightful salad. This variety is fine for market and highly recommended for the home garden. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**192 Escarole, Broad Leaved** This variety has wide, more or less twisted and waved bright deep green leaves with thick, nearly white midribs. The inside leaves form a rather solid head which blanches to an attractive deep creamy white. It is crisp and tender and like Early Green Curled is equally desirable for home garden or market planting. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**GOURDS, One Packet of Each, 25c**

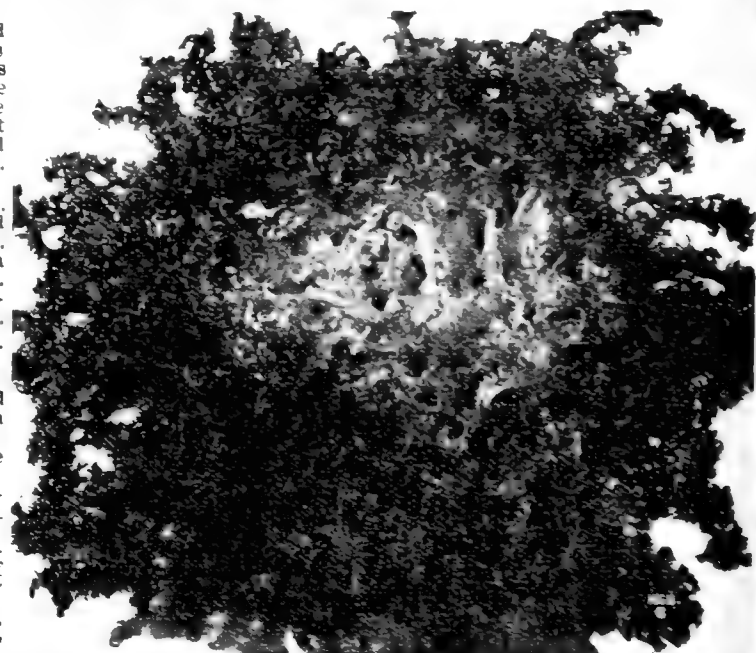
**197 Nest Egg** Small white-fruited variety: makes splendid durable nest eggs. Do not plant in too rich soil because the fruits will grow too large. Do not plant any kind of gourd near squash or pumpkin. If they cross it makes the others bitter. Packet, 10c. Oz., 25c.

**198 Dipper Gourd** The variety from which the old-fashioned long-handled dippers are made. Used also for bird houses. Packet, 10c. Oz., 25c.

**195 Sugar Trough** Immense gourd that can be made generally useful. With the neck saved off can be used for buckets, baskets, nests, water dishes for poultry and many other uses. Packet, 10c. Oz., 25c.

**196 The Dishcloth** The sponge-like interior is fine for dishcloths or to use in place of sponges. Packet, 10c. Oz., 25c.

**GOURD COLLECTION**—One packet each of these 4—25c.



(193) Early Green Curled Endive—Delightful Salad

# AROMATIC, MEDICINAL AND POT HERBS

**980 ANISE**—Aromatic seeds used as a condiment. Leaves finely fringed and used in garnishing and flavoring and in cordials for colic and nausea. Packet, 10c. Oz., 15c. ¼ Lb., 50c.

**981 BALM**—Leaves fragrant like Lemon Verbena. Adds fine flavor to summer drinks. Useful for tea in fevers. Perennial herb. Packet, 10c., Oz., 50c.

**982 BASIL, SWEET**—Seeds and stems have strong flavor; used in soups and sauces. Hardy annual. Packet, 10c., Oz., 25c.

**983 BORAGE**—Excellent bee food and honey plant; leaves used for flavoring cordials. Grows freely and the sky blue flowers are an addition to any flower garden. Packet, 10c., Oz., 20c.

**984 CARAWAY**—Produces aromatic seeds the second year to use for flavoring bread, cakes, etc. Leaves used for flavoring soups and liquors. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**985 CATNIP OR CATMINT**—Leaves used both dry and green for seasoning. Packet, 10c. 3 Packets, 25c.

**986 CORIANDER**—Agreeable tasting seeds used in confectionery and to disguise taste of medicines. Hardy annual herb. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.

**988 DANDELION**—Fine quality leaves for salad or greens. Sow in May for "greens" next spring. Far superior to the common Dandelion. For roots, sow in fall to dig the following fall. Packet, 10c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00.

**987 DILL**—Seeds strongly aromatic with pungent flavor, for flavoring pickles and for seasoning. Chief use is for Dill Pickles. Packet, 5c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.

**992 FENNEL, SWEET**—Hardy perennial aromatic herb. Seeds have pleasant taste; used in confectionery and medicinal preparations. Young shoots are eaten raw and used in soups, salads and fish sauces. Branching plant, 3 feet high; thread-like foliage; yellow flowers in large, loose umbels. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.

**988 HOREHOUND**—Leaves are used for seasoning; also in making candy and cough medicine. Perennial with aromatic odor and bitter taste. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00.

**989 LAVENDER**—The common lavender; leaves used for seasoning. Dried flowers are highly esteemed for perfume. Hardy perennial. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**990 MARJORAM, SWEET**—Tender shoots and leaves are used for seasoning and can be dried for winter use. Tender perennial, grown as an annual. Packet, 10c. Oz., 25c.

**991 PENNYROYAL**—Low, creeping plant, ornamental for covering ground in damp, shady places. Furnishes the medicinal properties for menthol pencils and headache cures. Packet, 10c.

**993 ROSEMARY**—Perennial with fragrant odor and warm bitter taste. Leaves used for flavoring meats and soups and the flowers are principal ingredient in distillation of toilet waters. Packet, 10c. Oz., 75c.

**994 SAGE**—Most popular garden herb; used in flavoring or seasoning; supposed to have medicinal values. Cut leaves as plant blooms; dry quickly in shade. Hardy perennial; may be divided for an even better crop the second year. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00.

**995 SUMMER SAVORY**—Dried leaves, stems and flowers used for flavoring soups and dressings. Hardy aromatic annual, much like Thyme, but milder. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00.

**996 THYME**—Leaves and tender shoots used for seasoning during summer and dried for winter. Delicious flavoring for sausage and meats. Leaves often used in a tea for relieving nervous headaches. Sow seed of this perennial early. Packet, 10c. Oz., 40c. ¼ Lb., \$1.10. Lb., \$4.00.

**997 WORMWOOD**—The dried leaves are used as a tonic, vermifuge and dressing for fresh bruises; fine poultry tonic. Fragrant, spicy odor and very bitter taste. Perennial. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

## KALE OR BORECOLE

Kale is extensively grown, especially through the South for "greens." Spring, fall and winter crops are all

popular. The leaves are boiled for greens, usually with bacon, the same as Turnips, Mustard and Spinach. Leaves are also used for garnishing.

Sow in fall or early spring, broadcast or in rows. Quality is really improved by light frosts. For large plants, thin plants to 2 feet apart in rows. Young shoots start in spring from old stumps, are very tender and make excellent greens.

**200 Early Green Curled Siberian Kale** The most vigorous growing variety, of spreading growth. It's very large green leaves have a distinctive bluish tinge, smooth in the middles but with cut and beautifully frilled edges. Extremely hardy, extensively grown for greens and in some sections even grown for foliage, like Rape. Sometimes called "Sprouts." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 90c. 5 Lbs., \$3.60. Write for larger quantity prices.

## KOHL-RABI

As shown in the picture, the edible part is the turnip-shaped bulb which is formed above ground. It is tender and fine when used before fully grown, the flavor being a combination

of cabbage and turnip flavors.

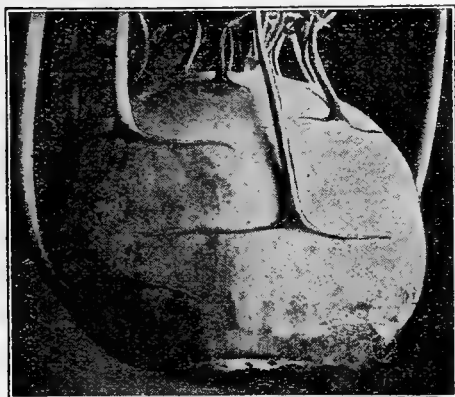
Sow seed preferably in light, rich soil, as early as possible in spring. Sow in rows, 1½ feet apart, and when well started, thin to 6 inches apart in the row. Better stands are obtained by starting in beds and transplanting the same as cabbage. Planting at 10 day intervals will give a succession of excellent, tender bulbs until hot weather. Start fall plantings about August.

**202 Early White Vienna Kohl-Rabi** Bulbs grow to the size of a small apple when ready for use, and are of a pale, whitish green color. This, the finest variety of Kohl-Rabi, is extremely early and with distinctly small tops: about 2 inches in diameter when of best eating quality. They are hardy and can be sown in drills as soon as the ground can be worked in the spring, and with successive sowings you can have nice, tender bulbs all through the spring and fall. For table use gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. You will relish having them on your table. Packet, 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

**LEEKS** The leek is a very hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck somewhat resembling the growth of young onions in spring but much longer and thicker. The leek thrives under the same general conditions as onions and should be cultivated in the same general manner except that when the plants begin to get some size, the earth should be gradually drawn up around the plants in order to blanch the stems or necks white and increase the tenderness and fine flavor. The Leek is also a fine fall and early substitute for green onions.

Sow in early spring in drills 1 to 1½ feet apart, covering seed ½ inch deep. Thin plants to 6 inches apart in the row and draw soil about the plants when cultivating. For very white or blanched Leeks, transplant when 6 inches high, setting plants 4 inches apart in trenches about 2 feet apart and gradually earth up like for blanching Celery.

**203 Large Carenten Leek** Grows to large size, the stem being proportionately large and thick. In rich soil, well earthed up, the edible portion is from 6 to 8 inches long by 2 to 3 inches in diameter. Often called Monstrous Carenten because it is the largest variety and it is an exceptionally hardy garden sort. Packet, 10c. Oz., 25c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.



(202) Early Vienna Kohl-Rabi



(200) Kale or Borecole Plant for "Greens"



# Hastings' Lettuce Seed For Home and Market Crops



(211) Hastings' Drumhead—Greatest Shipping Lettuce.

## 211 HASTINGS' DRUMHEAD CRISP LEAF TYPE — Also called Los Angeles Market, New York and Wonderful. WHITE CABBAGE LETTUCE

No variety that we have ever carried has had a steadier sale. Superb for home gardens and for market. When properly grown it reaches large size. One gardener near Gainesville, Florida, produced a single head weighing nearly 4 pounds. It is always large, with outer leaves a clear, light green color; inside of the head almost pure white. Leaves are large, extra crisp and tender and entirely free from all bitter taste. The most popular lettuce grown in America. Generally wrongly called Iceberg on the market. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00. Write for our closest prices on larger quantities.

**209 Mignonette Lettuce** CRISP LEAF TYPE—A delightful first early, delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture further north. Leaves are quite crumpled and form a small but very compact hard head which is very slow to run to seed. Excellent quality, with bronzed outer leaves. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00. Write for our closest prices on larger quantities when ready to buy.

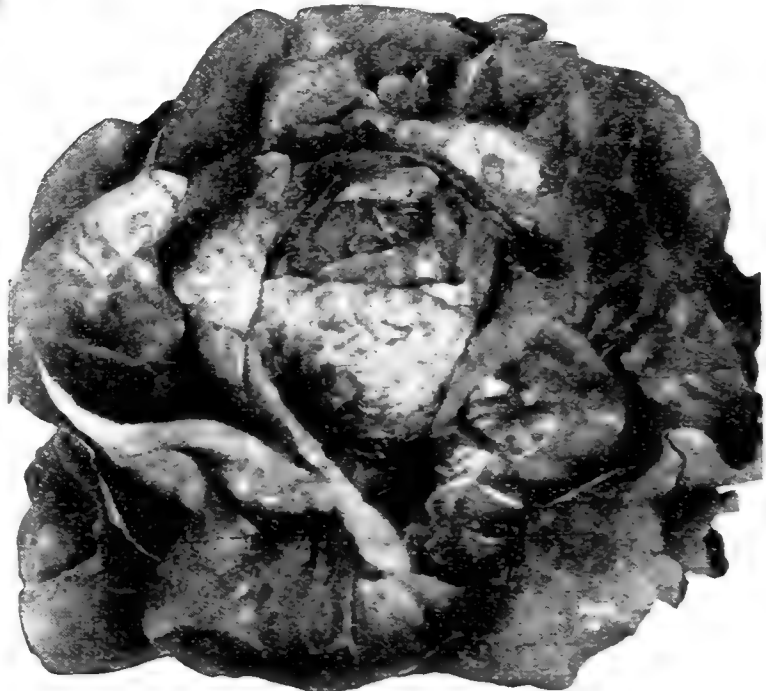
**215 HASTINGS' FLORIDA BUTTER HEAD TYPE—A leading Lettuce for HOME AND MARKET.** Heads quickly; slow to run to seed. Crisp, tender, wonderful appearance and there is no better large solid header. Very resistant to both heat and cold, often passing through severe freezes practically unharmed. Its attractive appearance adds greatly to its selling qualities and it has long been a leading home and market favorite. Packet, 5c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.



(208) Hastings' Chicken Lettuce—Largest Growth of All

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, **BIG BOSTON**, **HASTINGS' DRUMHEAD**, **FLORIDA HEADER**, **DIXIE HARD HEAD** and **CALIFORNIA CREAM BUTTER**, are supreme. The high quality of **HASTINGS' Lettuce Seed** is known everywhere in the South where Lettuce is grown, for purity, hardness of head and slowness to run to seed. Our lettuce seed is all grown in California by our grower, whom we consider the most careful lettuce seed grower in the world, and the growing crops are inspected so as to insure the quality being kept up to the Hastings' standard. Good Lettuce will head properly if planted in rich soil, kept moist and growing steadily. Plant early for cool weather growth. Plant Hastings' slowly cured and properly seasoned Lettuce Seed for Success.

## 216 HASTINGS' ICEBERG CRISP LEAF TYPE— For forcing or home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" hard-header. Splendid for open ground planting or for forcing. Heads of conical shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for our closest prices on larger quantities when ready to buy.



(210) Hastings' Specialty—Big Boston Lettuce.

**210 BIG BOSTON** Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and solid that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of Big Boston is the surest and hardest heading stock that you can obtain. Packet, 10c. Oz., 20c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our closest prices on larger quantities when ready to buy.

**214 Grand Rapids** LOOSE LEAF TYPE—Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large savoyed or crimped leaves. Very attractive for garnishing and leaves hold up after cutting. Packet, 5c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**208 CHICKEN LETTUCE** LOOSE LEAF BUTTER TYPE—See the picture of this medium green, curly leaf, cutting lettuce. It is called "White Early for Picking" in Europe, where it originated. It produces the largest mass of leaves of any known variety; is non-heading, has a spreading habit, and is the largest plant of lettuce in cultivation at maturity. Eating quality is lacking. Its great value is for green feed for poultry, pet stock and occasional greens for live stock. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our closest prices on larger quantities.

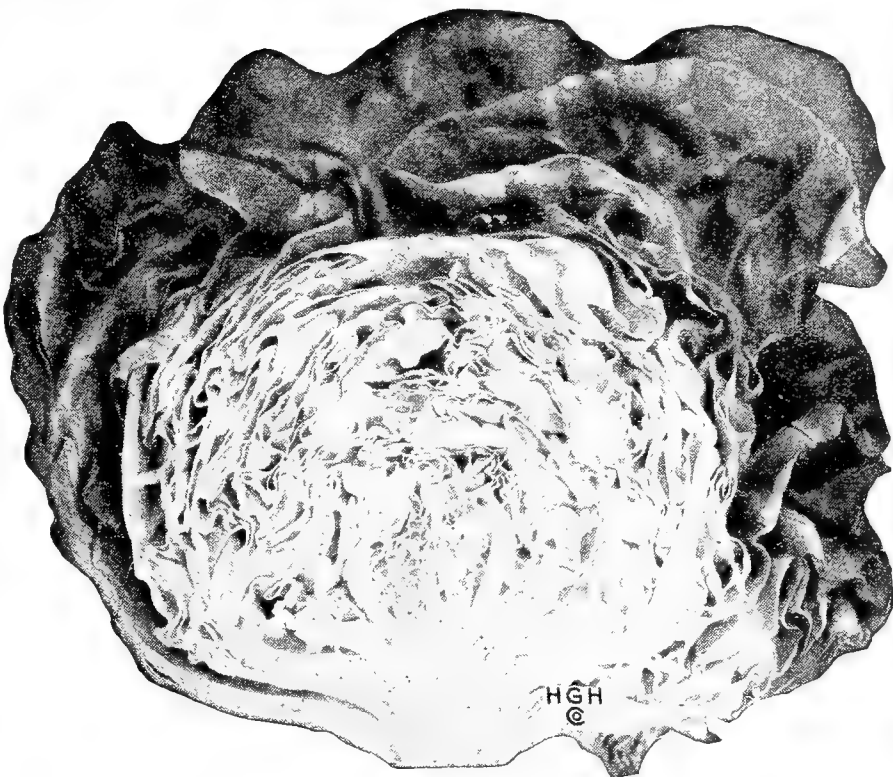
**222 Improved Hanson** CRISP LEAF TYPE — Large, compact head; outer leaves bright green, broad, somewhat crumpled and frilled at edges. Inner leaves white, crisp, thin and sweet. Fine garden lettuce. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**219 Prize Head** LOOSE LEAF TYPE—Very early, fast growing, medium large plant with broad, crumpled and frilled leaves. Very crisp, sweet and tender. Outside leaves tinged red, inside leaves green. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**223 Black Seeded Simpson** LOOSE LEAF TYPE—Early, widely grown and popular old variety. Large, handsome, compact plant with wide, frilled light green leaves of splendid quality and crisp texture. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

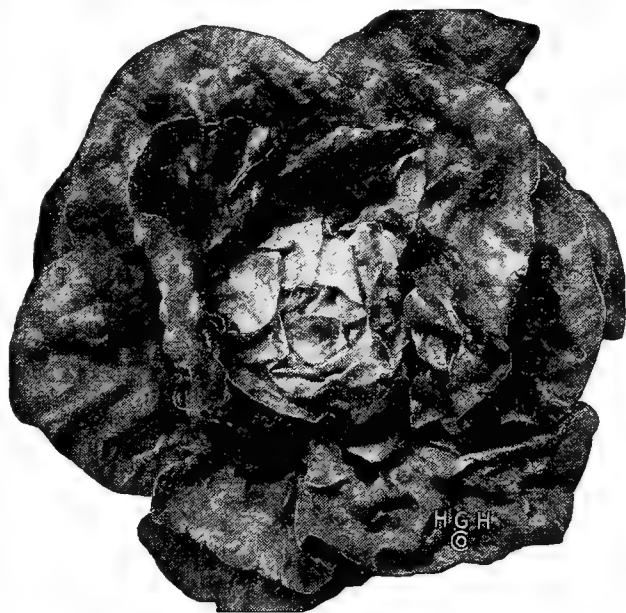
**213 Brown Dutch** BUTTER HEAD TYPE—The popular bronze-leaved lettuce. Exceptionally hardy, rather large plant with fairly firm, buttery head of good quality. Leaves dark green overlaid bronzy-red; yellowish inside. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**"Everything That Grows"** The cream of the best in seeds, plants and bulbs you will always find at Hastings. The 1567 acre Hastings' Plantation and Trial Grounds, with its thousands of vegetable and other trials each year, is your assurance of getting really superior strains.



(212) Hastings' Superba Lettuce—Largest Heading Variety

**212 HASTINGS' SUPERBA** BUTTER HEAD TYPE—The biggest lettuce of all, a most beautiful solid, extra large heading variety, especially resistant to heat. Outside leaves light green, becoming more and more yellow towards the center. Especially desirable for home gardens and nearby markets; but not for shipment. For crispness, tenderness and freedom from bitterness it is unexcelled. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.75. 5 Lbs., \$7.00. Write for our closest prices on larger quantities when ready to buy.



(221) Dixie Hard Head Lettuce

**221 DIXIE HARD HEAD LETTUCE** BUTTER HEAD TYPE—It is such a hard header that it is very difficult to get it to produce seed. Each year we are more and more impressed with its great value, both for the home and market gardener. In general character of growth and appearance it is much like the California Cream Butter, but is a much harder header, presents better appearance in market, and is slower than any other variety to run to seed. Heads large and solid. Packet, 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our closest prices on larger quantities.

**220 CALIFORNIA CREAM BUTTER LETTUCE** BUTTER HEAD TYPE known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small bronzy spots on the outer leaves. You will be delighted with this sweet crisp lettuce. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

**217 WHITE PARIS COS** This is true Romaine, the Celery Lettuce. Crisp, tender leaves and delicate flavor. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

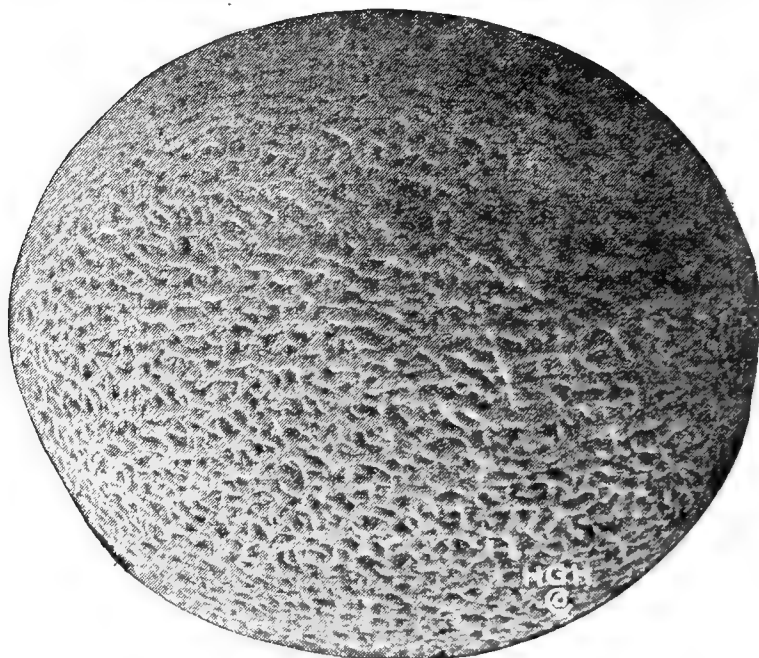


(220) California Cream Butter or Royal Cabbage Lettuce



# MUSKMELONS OR CANTALOUPES

Plant These in Your Garden -- They Resist Insect Attacks

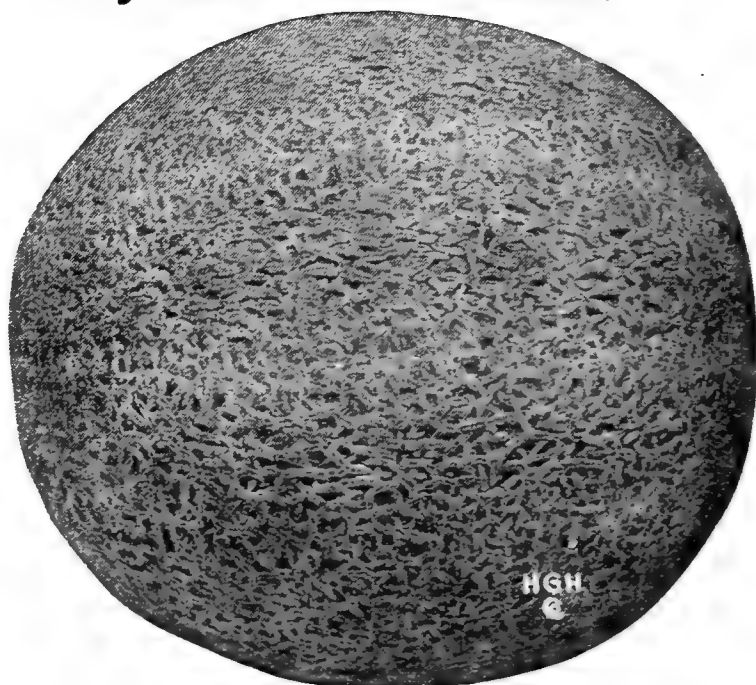


(231) Hastings' Eden Gem—(243) Salmon Flesh Eden Gem

## 231 Hastings' Eden Gem Cantaloupe

**Our introduction.** The illustration above shows the average shape and perfect netting of our Gold Lined Eden Gem (green fleshed), the real true money-making variety for the shipper and market gardener as well as the most satisfactory of all for home use. Its dense netting helps greatly in resistance to insect attacks. Flesh is very thick and firm and the rust-resisting vines produce enormous crops of very uniform fruits. Practically ribless; seed cavity triangular and very small. This famous green fleshed melon is the most tasty and finest flavored of all Cantaloupes. You simply must have it in your garden. Entirely satisfactory.

It costs more than double to produce seed quality like our Eden Gems, but it's money well spent by the Cantaloupe grower. Pkt., 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our lowest larger quantity prices when ready to buy.



(236) Hastings' Improved Perfecto Cantaloupe, All-American

## 243 Hastings' Salmon Flesh Eden Gem

Also known as Pollock No. 10—25 and Hastings' Pink Meat. Since our introduction of Eden Gem there was a big demand for the same type of melon with pink or salmon flesh. Our Salmon Flesh Eden Gem is the same hardy, rust-resisting, prolific, finely netted fruit as the Eden Gem and with pink meat—the finest pink meat melon for home use, market and shipping. This is just as fine a Cantaloupe as Hastings' Eden Gem. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our larger quantity prices when ready to buy.

Large California growers, using thousands of pounds, pay \$1.50 per Lb. for this selected seed after inspecting the seed crops.

## 236 Hastings' Improved Perfecto

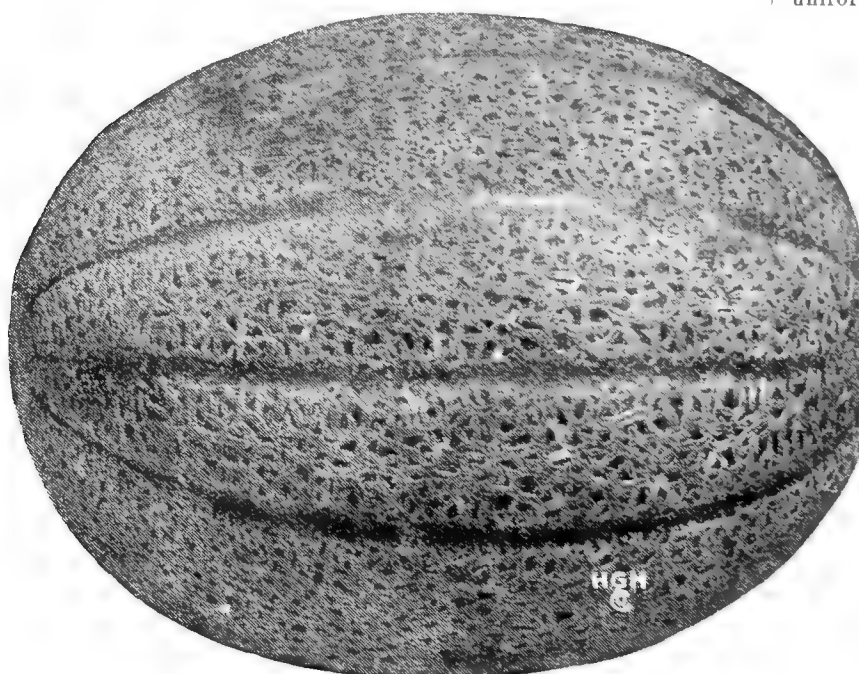
1933 All-American Selection, Award of Merit Winner. A selection out of the popular Edward's Perfecto for uniformity and other qualities. Good, uniform netting, unnoticeable slight ribs, almost round, 6 by 5 in. in size, seed cavity triangular, with thick, sweet, spicy flesh. It has so-called pink meat, is ready to eat in about 96 days, of delicious eating quality and desirable for home gardens, marketing and shipping. It is a new type of Rocky Ford, showing a trace of Burrell Gem but far surpasses that variety. It is sure to supersede most of the older shipping varieties, now that we have this type selected to the uniform, round, heavy, typically Cantaloupe requirements. It's just about perfection, all right. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## 235 Hearts of Gold

Ideal shipper and desirable mid-season melon for home gardens. Medium sized, orange fleshed variety with vigorous, blight resisting and very productive vines. Fruits are nearly round, only slightly ribbed and netting is fine and dense. Flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Rind is thin but firm and carries to distant markets in perfect condition. There is no superior commercial Cantaloupe today; its wonderful flavor and insect resisting dense netting making it equally valuable for home use. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for our larger quantity prices when ready to buy.

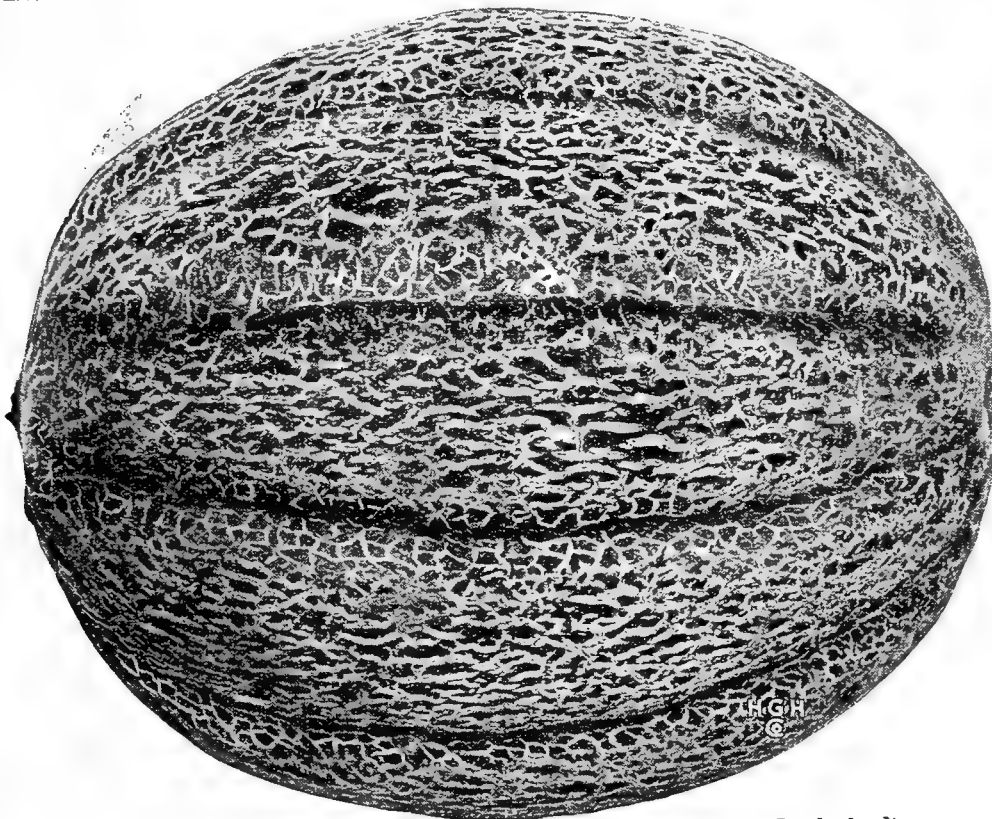
## 238 Hale's Best

Exceptional new early variety of fine flavor, originating in California's famous Imperial Valley. It is also of the general Rocky Ford type and of remarkable flavor for a salmon fleshed Cantaloupe. The rich salmon flesh is very thick, leaving only a very small triangular seed cavity. Fruits are oval shaped, about 8 by 4½ inches, with a heavy netting and ribs hardly apparent. Hale's Best is a superb shipper, commands a good price and will be of greatest value as an early shipping melon. The melons pictured were brought from our seed crops at Rocky Ford for these photographs. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(238) Hale's Best Cantaloupe—Good For All Purposes





(241) Burrell Gem Cantaloupe (Formerly Called Pink Meated Rockyford)

**237 ROCKYFORD** A popular early variety of Cantaloupe adapted to the entire South for market and home use. Our type of Improved Rockyford is shown by the illustration and if you are only growing for home use or nearby markets you will find this a satisfactory variety. For the shipper where standard size and heaviest netting are all important we do not recommend this variety as highly as our Eden Gem, shown on the preceding page. Our Rockyford is very slightly ribbed, well netted, good size, has thick green flesh of delicious flavor. Our seed is from crops grown exclusively for seed purposes and is not the seed from the tail end of Southern and Colorado shipping crops such as is commonly sold. Such "cull" seed is offered to us regularly every year at from 10 to 25 cents per pound and is sold to seedsmen and dealers every year who are thus able to make cut prices. You should be just as careful with your seed buying as you would in buying a herd bull. Buy seeds you know are good. The personal inspection work given our crops every year saves you from getting trash of that kind not only in Rockyford Cantaloupes, but hundreds of other items found in this catalog. Genuine Rockyford grown Cantaloupe, finest strain. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 90c. 5 Lbs., \$3.60. Write for larger quantity prices.

**230 Large Hackensack** One of the best for home use and nearby markets. A very large, green fleshed melon, quite flat in shape with prominent ribs and heavy netting. The flesh is remarkably thick, sweet and spicy. A little late in maturing and very widely used for the extra large thick-fleshed melons. Distinctive and valuable. Ready in 94 days; size 7 by 8½ inches and weighing about 8 pounds. Many of our customers appreciate our home garden varieties and grow melons and other vegetables far superior to any of the shipped sorts. Try Large Hackensack. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

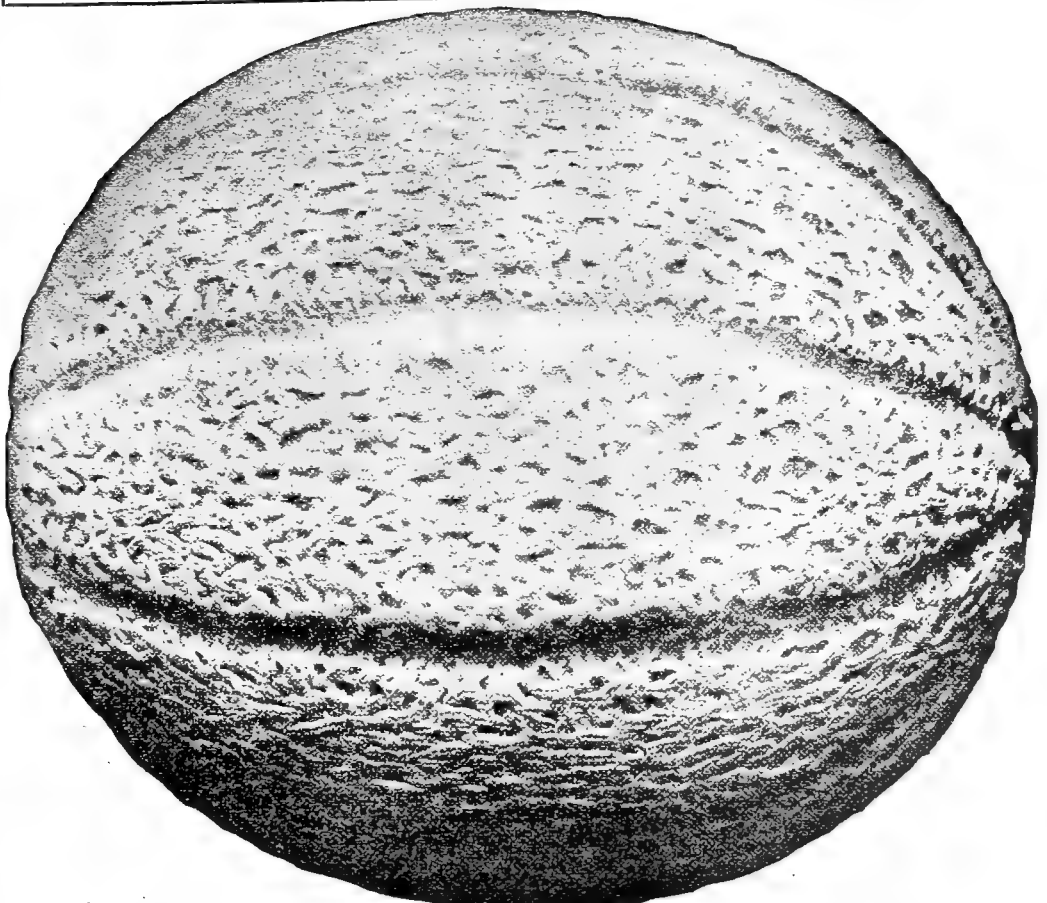
**Note!** Hastings' Rockyford Grown Cantaloupes from our special selected seed strains have a wonderful reputation. Plant them for profit. Write for quantity prices.

## MUSKMELONS

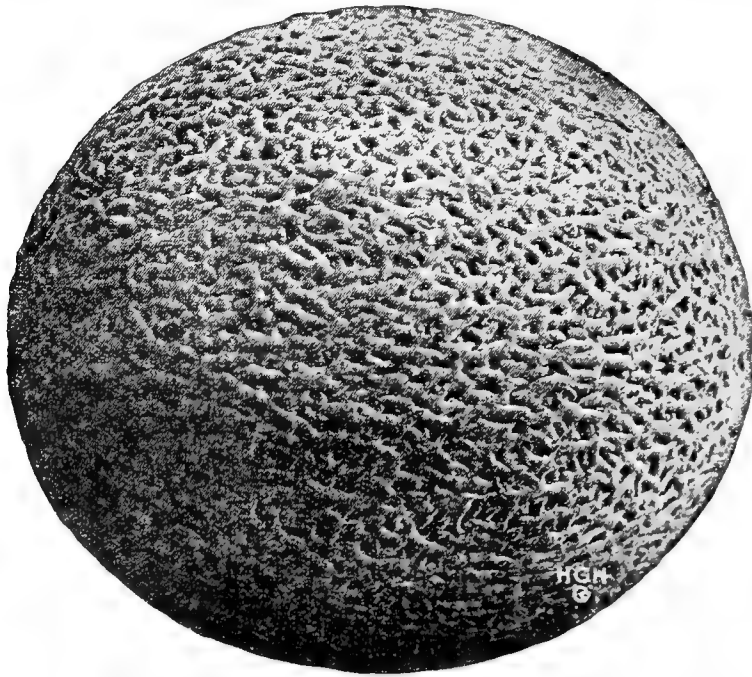
**241 BURRELL GEM** Formerly called Pink Meated Rockyford. This is a good variety for shipping or home use. While meat or flesh is known as "pink meated" in color, it is really an orange salmon. This melon is heavy in weight, owing to the thick meat, which is firmer and more solid than other varieties, and has become quite a favorite with many as a shipper. Netting is heavy, coarse and prominent with indistinct ribs. It is growing in popularity every season. Seed cavity is triangular and exceedingly small with thick, firm flesh or meat of the very best flavor; sweet and spicy. Medium late in maturity; much improved over original introduction. The only objection to this variety is a tendency to split at blossom end in rainy weather. Rockyford Colorado grown seed. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.

**233 Banana Cantaloupe** We have a good supply of this splendid variety with its banana-like flavor and shape. Melons grow about 14 inches long and 3 to 5 inches in diameter; stand summer sun as no other cantaloupe and will continue to bear until late in the season. It should be in every home garden in the South for late use. This sort is not a mere curiosity but will command extra prices on the market, 30 cents to \$1.00 sometimes being paid for a single specimen. The thick, rich flesh is orange in color with delicious eating qualities. The real garden sort and not the coarse, tasteless kind often sold. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**240 Montreal Market** One of the largest, finest flavored and spiciest of cantaloupes. Green fleshed; very deep ribs and heavy netting, roundish shape; very prolific; late maturing. Requires attention for finest results. The melons weigh about 8 pounds; size 9 by 8 inches. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



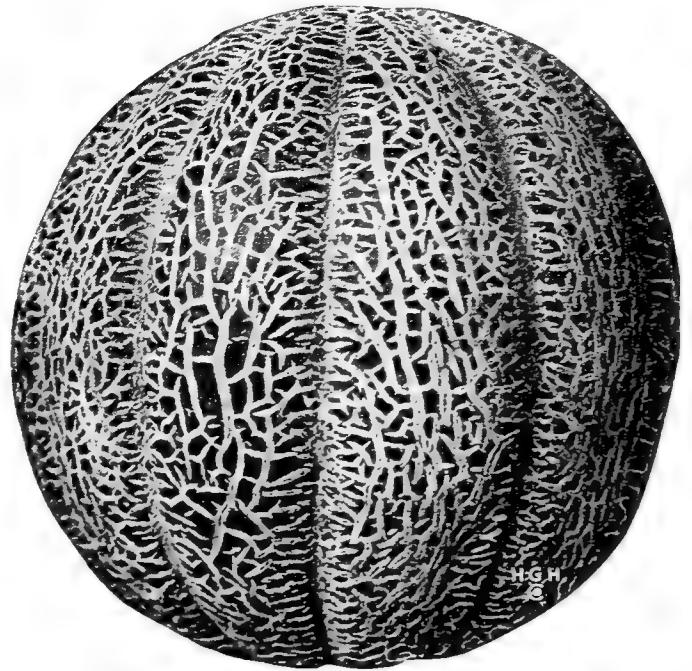
(237) Hastings' Rockyford Cantaloupe—The Finest Improved Strain



(232) Texas Cannonball—Nearest Insect-proof and Sun-proof

## 232 Texas Cannonball Cantaloupe

We have sold this splendid cantaloupe of Texas origin for many years. It is very desirable for home use and nearby markets in all parts of the South. Medium in maturity and size and of round shape. In flavor it is first-class, and its dense netting makes it almost sun and insect-proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. It is almost all meat; seed cavity small. Very prolific and hardy, producing an abundance of fine nut-like flavored, sound-fleshed delicious melons. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.



(242) Nixon—the Real Georgia Muskmelon

## 242 NIXON, A GEORGIA MUSKMELON

A real Georgia muskmelon with a great reputation in Georgia, where it has been known locally for many years. It is large to extra-large and with a delicious flavor. Single specimens weighing 12 to 15 pounds are nothing unusual. In flavor and quality it is a superb variety and it is sun and insect-proof to a marked degree. For home use and nearby markets for medium late maturity. Nixon has an unusually fine flavor, is excellent in quality of flesh and exceedingly tender. It will be very popular on your table. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

## 234 New Honey Rock

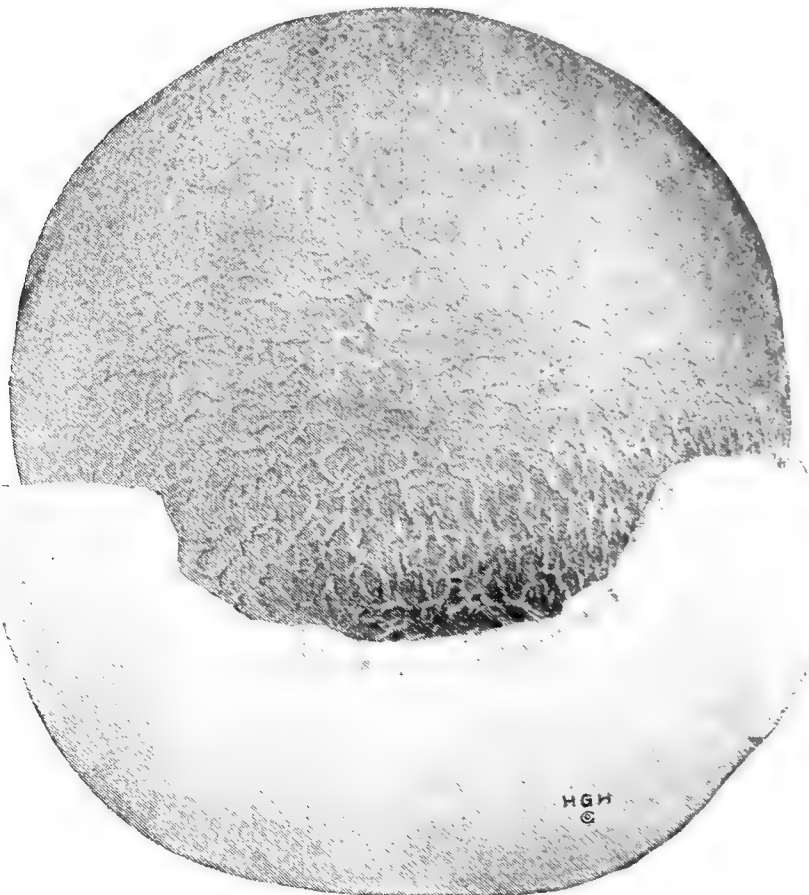
1932-1933 All-American Selection, Gold Medal Winner. Also called Sugar Rock, about midway between Honey Ball and Eden Gem. Very prolific, somewhat ribbed, with heavier, coarser netting than Honey Ball. It is almost round, 5 in. across, of medium size, rich salmon flesh of fine quality, slatey gray-green skin and its great virtue is ripening uniformly. It is sweeter than Rocky Ford Cantaloupes but without the honey sweetness of Honey Dew. Outstanding variety for home use and its extreme earliness and uniform maturity should make it a good market variety, standing 2 to 3 days' shipping. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. (See Picture on Novelty Pages 6, 7.)

## 244 Honey Dew Melon

Introduced to the South by us as a novelty, "Honey Dew" made good from the start. It is as easily grown as ordinary bush squashes, but does not grow satisfactorily except in the South. Melons are round, of good size, weigh 6 to 8 pounds; smooth, light cream colored skin with thick, very rich, sweet spicy flavored flesh of light green color. Rind is thin but tough and so close in texture that the rich flesh is practically sealed up and will keep in fine eating condition for many weeks after being pulled. As one enthusiast said: "It has the sweetness of honey and the freshness of morning dew." Genuine Honey Dew Seed. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for larger quantity prices.

## 245 Honey Ball Melon

This melon, originated by Mr. W. H. Parker, of Tarrant Co., Texas, is a cross between Honey Dew and Texas Cannonball. It is very desirable for home gardens because of its exceptional sweetness, ease of culture, hardiness, freedom from sunscald and best of all, it can be left on the vines to mature to its finest eating condition. It is early and very prolific. Honey Ball runs very uniform in size, is almost ball shaped, has thick light green flesh and is fairly well netted. The seed cavity is small and the seeds don't shake loose in rough handling to injure the flesh. Melons can be picked a little green and allowed to ripen off the vines; keeps exceptionally well in storage and stands shipping as well as any melon. Honey Ball should be fully ripe before eaten. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.



(245) Melon and a Slice of the New Honey Ball Melon

# HASTINGS' WATERMELON COLLECTIONS

## HASTINGS' HOME MELON COLLECTION

**5 PACKETS, 25 CENTS, POSTPAID**—One full-sized packet each of Augusta Rattlesnake, Watson, Improved Kleckley Sweet, Stone Mountain and Thurmond Gray, all exceptionally fine for home use. This popular collection has been and is the greatest selling melon collection sold in America.

## HASTINGS' 5-OUNCE MELON COLLECTION

**5 OUNCES POSTPAID, 35 CENTS**—Some prefer more of each kind. For 35 cents we will send you, postpaid, one ounce each of Florida Favorite, Halbert Honey, Watson, Improved Kleckley Sweet and our famous Stone Mountain, as pictured below. This will make a real "Watermelon Patch."

## HASTINGS' ONE-ACRE MELON COLLECTION

**5 QUARTER POUNDS, \$1.00 POSTPAID**—Many of our friends like to plant about an acre of assorted varieties. A little over a pound of seed will plant an acre nicely. For \$1.00 we will send you, postpaid, ¼ pound each of Improved Kleckley Sweet, Halbert Honey, Thurmond Gray, Watson and Hastings' famous Stone Mountain Watermelon. You couldn't get a finer assortment if you tried. Send us \$1.00 for this acre collection and have the best acre of melons in your section of the country.

**WATERMELON SEED NOTICE**—Melon seeds are extremely difficult to keep pure, and to improve a strain, there is a necessity of very careful selection of stock seed plants for many years. You cannot afford to plant ordinary common seeds, usually of run-out strains and indifferent selection, often saved from the tail-end of shipping crops. Plant only the best watermelon seeds you can obtain.

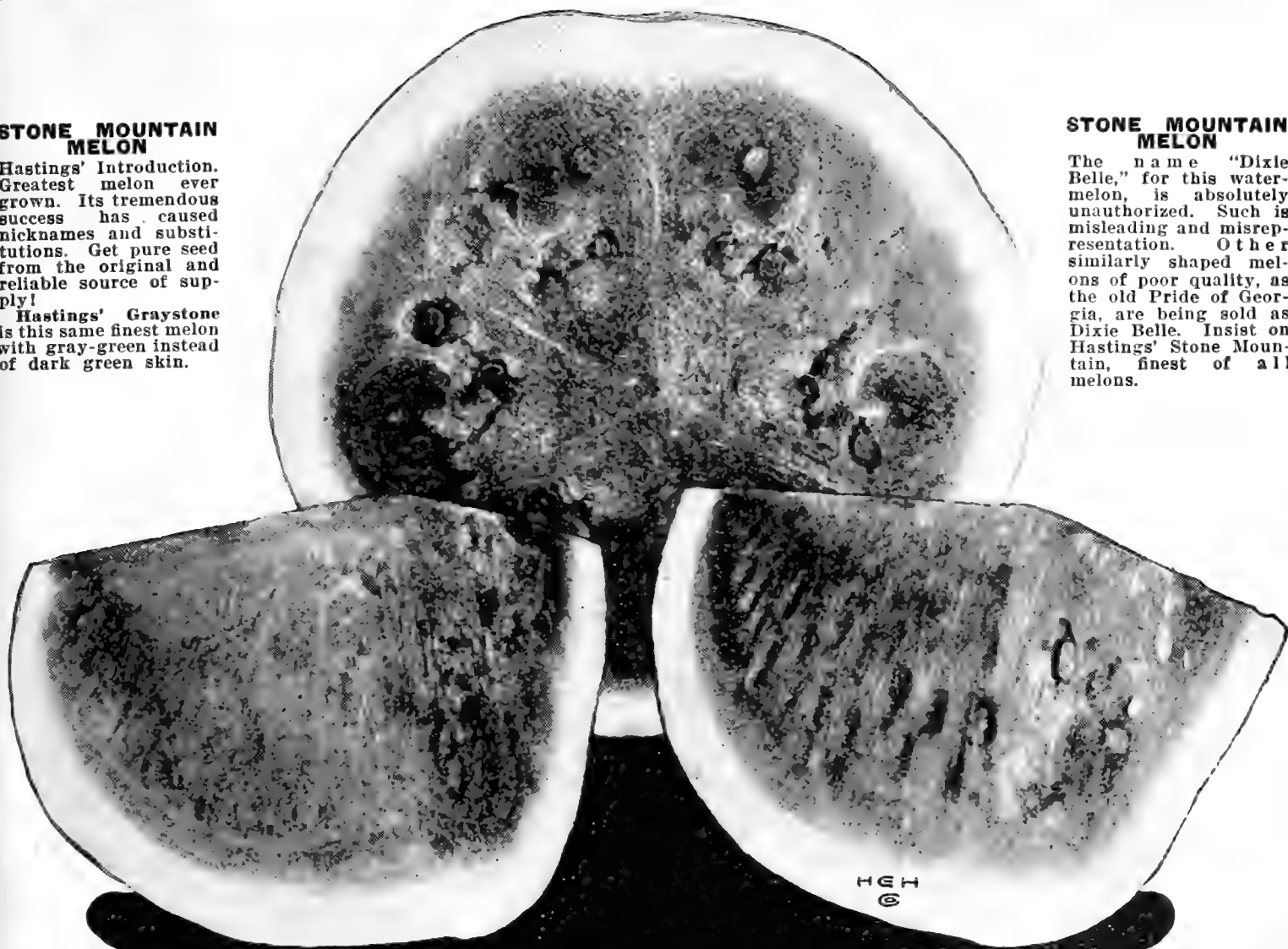
### STONE MOUNTAIN MELON

Hastings' Introduction. Greatest melon ever grown. Its tremendous success has caused nicknames and substitutions. Get pure seed from the original and reliable source of supply!

Hastings' Graystone is this same finest melon with gray-green instead of dark green skin.

### STONE MOUNTAIN MELON

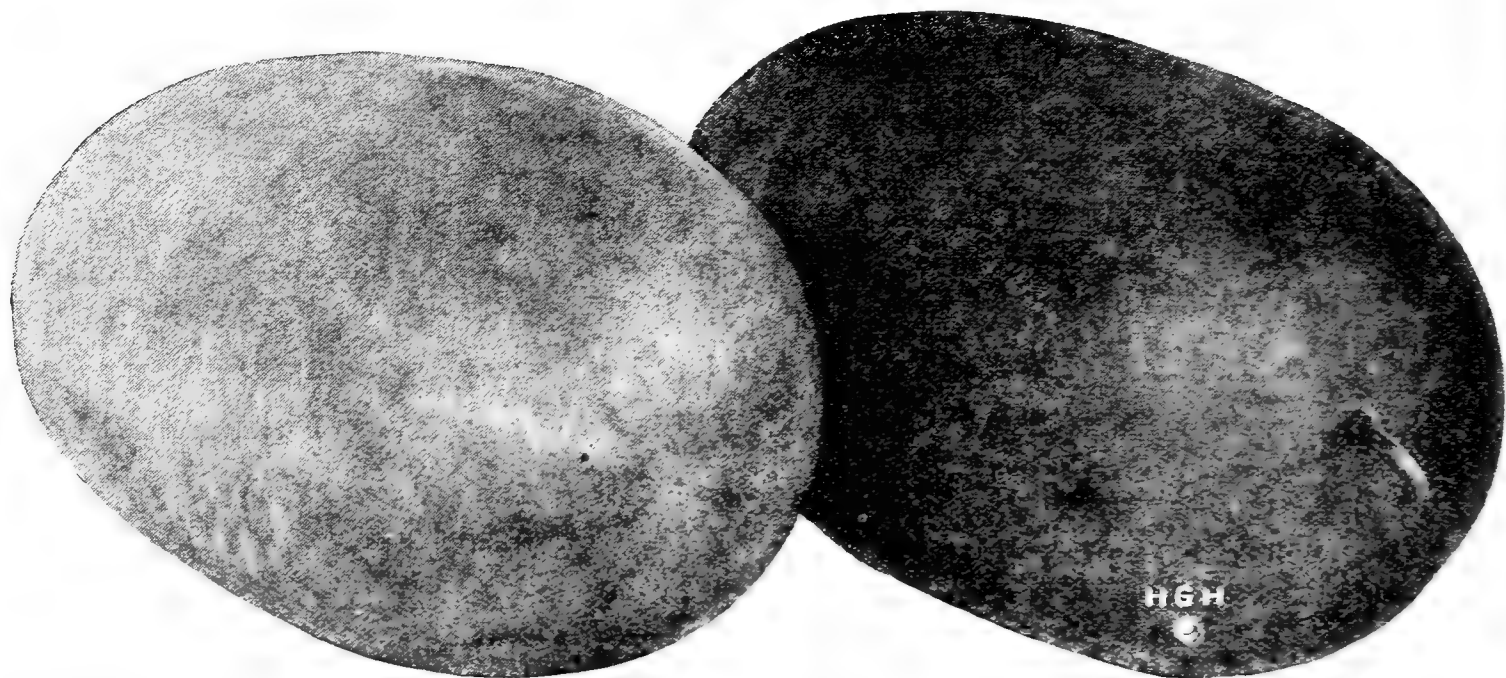
The name "Dixie Belle," for this watermelon, is absolutely unauthorized. Such is misleading and misrepresentation. Other similarly shaped melons of poor quality, as the old Pride of Georgia, are being sold as Dixie Belle. Insist on Hastings' Stone Mountain, finest of all melons.



## 254 HASTINGS' STONE MOUNTAIN WATERMELON

**WITH FULL REGARD FOR ALL OTHER MELONS**—The Greatest Watermelon in Existence. Our own introduction and the finest melon grown. We take the greatest pleasure in offering this great melon, the finest of all, sweetest of all, largest of all, almost round or square-shaped, richest dark green, medium rind, richest scarlet flesh. It weighs 50 to 80 pounds on good melon land and because of its size, shape and color will outsell any other melons at much higher prices. When eaten once it is not forgotten—the finest and sweetest flavor of them all. For home and nearby markets it is the best there is—that's all. It is too large and fine for ordinary shipping although it is being regularly shipped by not piling so high in the cars. It has very few seeds, is solid through, almost all heart and the most delicious you have ever tasted. It sells for almost double any other melon, takes twice as many melons to make a pound of seed, is prolific and stands up under very trying conditions. Named for famous Stone Mountain, near Atlanta, the largest outcrop of granite in the world. Here the huge Confederate Memorial to be the greatest piece of sculpture in the world, is being carved. We got our start with the melon near the base of the mountain. Plant one-third more seed of this variety than usual for full stand. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

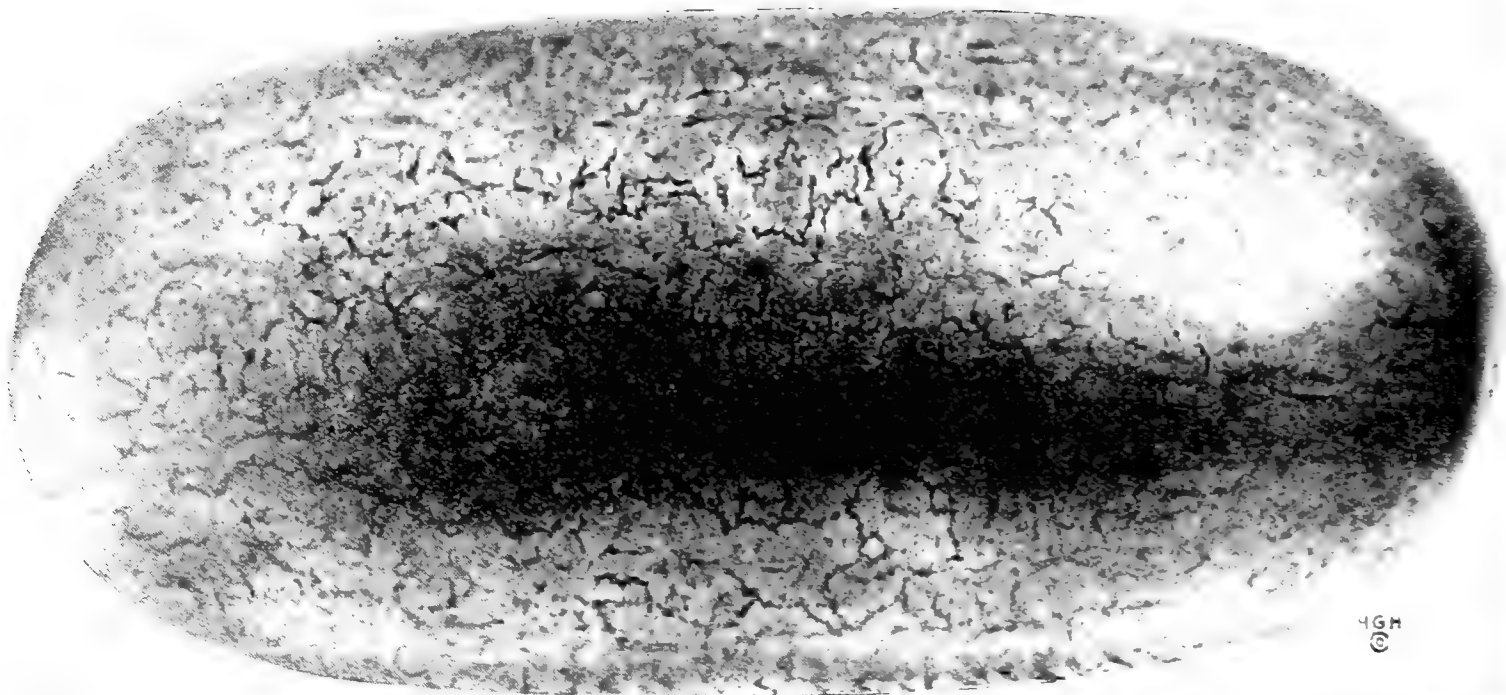




## 259 HASTINGS' SELECTED FLORIDA FAVORITE—THE BEST EARLY WATERMELON

Our special selection and growth of Florida Favorite has given us an unsurpassed extra early, good quality, medium-sized melon, just the right kind for home use and nearby markets. It's a medium sized, smooth, beautifully shaped melon, of dark green color, irregularly striped with lighter green; very early and prolific. Rather tough rind of medium thickness, making it a fairly good shipper. Flesh red, very crisp, tender and juicy. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for our closest larger quantity prices, on the amount of seed you will need when you are ready to buy. It will pay.

**268 Citron, Green Giant (Fla. Stock Melon)** This is the melon for sweet pickles. Any surplus can be fed to hogs and cattle, but do not plant close to watermelons for they will cross and ruin the watermelons. Plant some citrons this year for the finest sweet pickles you ever tasted. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for larger quantity prices.



## 257 THURMOND GRAY—THE GREAT SHIPPER

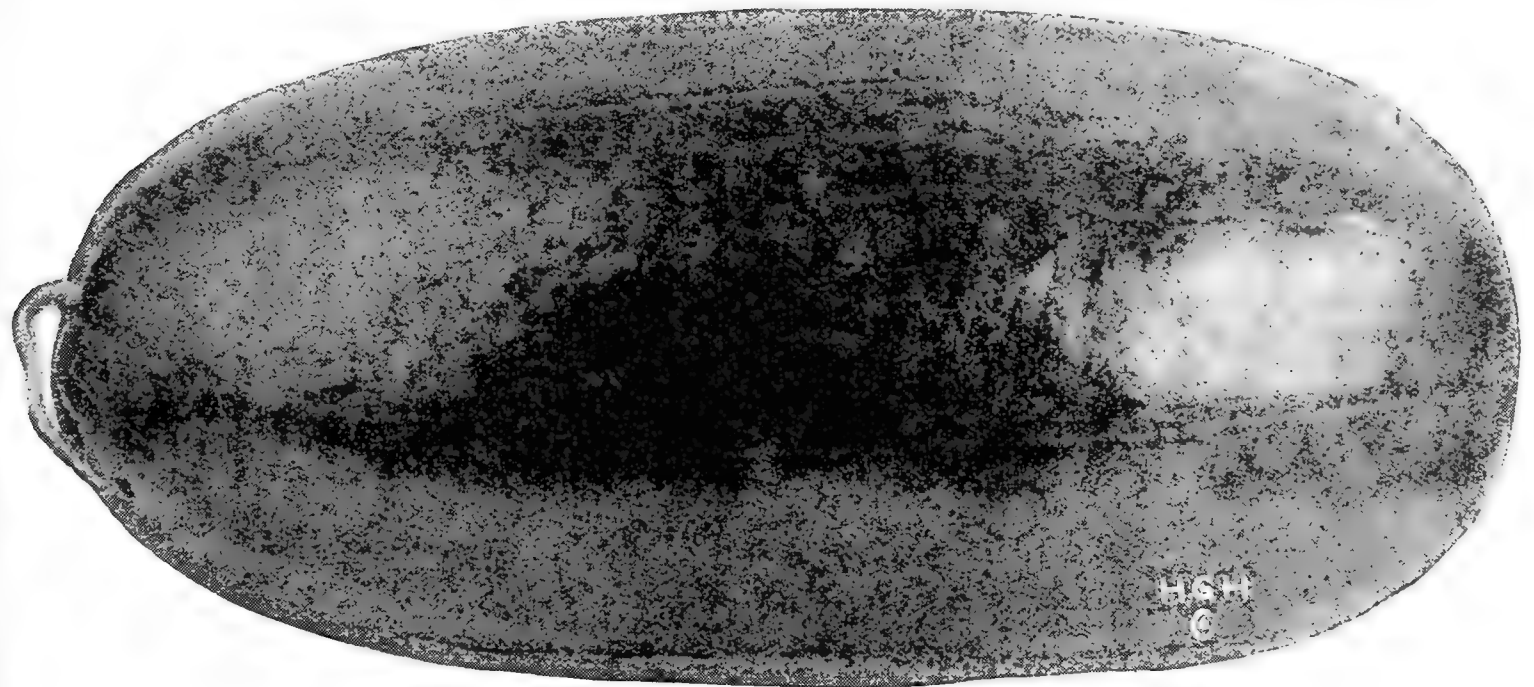
We have been watching this fine melon with much interest since Mr. Thurmond first offered us the variety. We have discarded Irish Gray because this is a better market variety. Its light green or grayish green color gave great distinction to the variety and being a fine melon and an excellent shipper it was a success from the start. Thurmond Gray is similar to Irish Gray except with larger melons and brown seed instead of white. The rind is very tough and stands shipping as well as any melon grown. The flesh is free from strings, is fine grained, crisp and tender. Its eating qualities are excellent. Atlanta markets prefer the Thurmond to Irish Gray and will pay a premium for them, although there seems to be but little difference in eating or shipping qualities. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 80c. 5 Lbs., \$3.20. Write for our closest larger quantity prices, on the amount of seed you will need when you are ready to buy. It will pay.



(252) A Good, Sweet, Juicy Old-Time Augusta Rattlesnake Watermelon Grown From Hastings' Seed

**252 AUGUSTA RATTLESNAKE** This melon made Georgia famous as the finest melon-growing State. In no place in the world are finer, sweeter melons grown than the Rattlesnake in certain Georgia localities, especially suited to it. No one has such pure seed of this famous variety as ourselves. It is simply perfection of the Rattlesnake strain. Every seed we offer is taken from melons weighing 25 pounds or more, and 60 to 75-pound Rattlesnake melons are nothing unusual in our seed crops. If you have been buying seed of the Georgia Rattlesnake, as commonly sold, you do not know how good a Rattlesnake melon can be. Melons grown from our seed of this are so fine that they cannot fail to give you satisfaction. We consider Augusta Rattlesnake the best second early melon there is. Plant, at least, a few of them this year. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 85c. 5 Lbs., \$3.40. Write for our closest larger quantity prices, on the amount of seed you will need when ready to buy. It will pay.

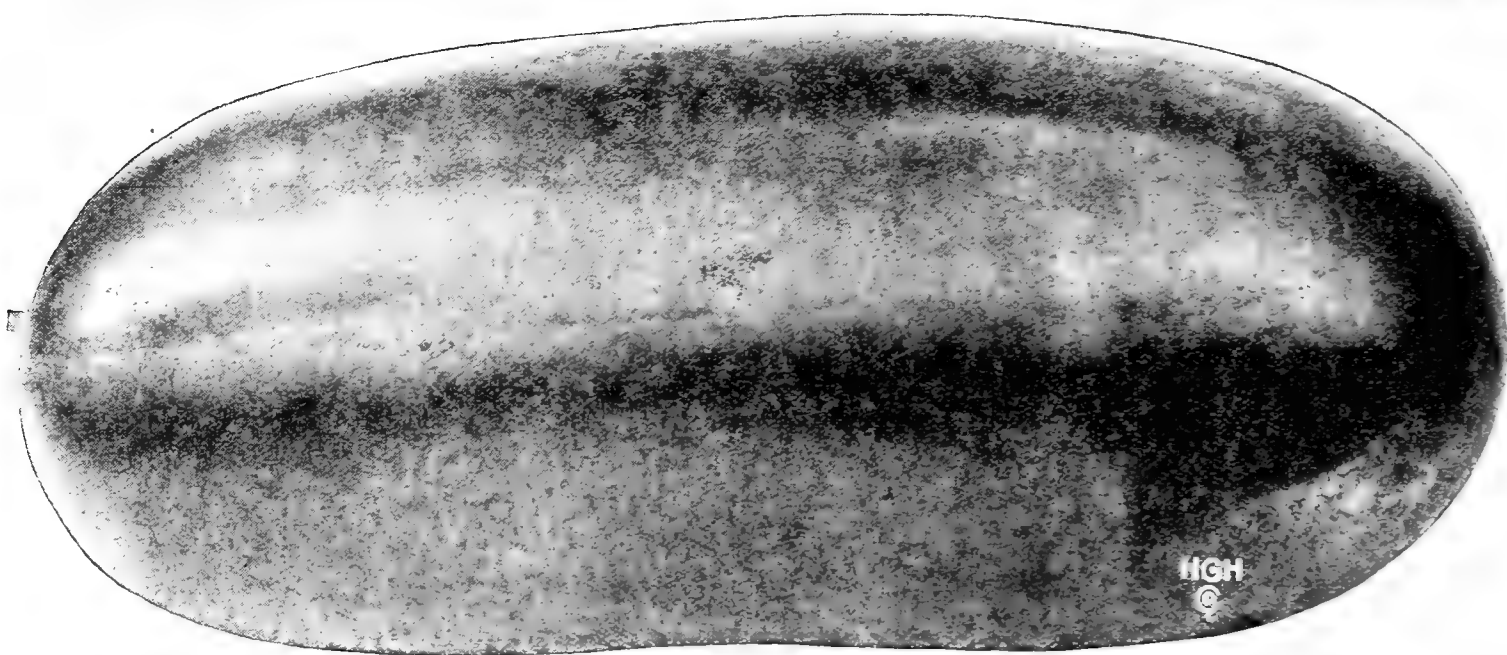
**261 Hastings' New Graystone Watermelon** **ALL-AMERICAN 1932-1933 SELECTION. AWARD OF MERIT**—See Pages 6 and 7. Our own introduction, a delicious round or oblong Watermelon with the popular gray-green skin. After watching it carefully for several years we are ready to say without reserve that it is one of the very best ever produced. We can describe it no better than to say that it is a distinct gray skinned Stone Mountain with all of the superb producing and eating qualities of that famous variety. It has the shape, the large size, the crisp, tender, sweet firm flesh that makes every one satisfied when eating it. An addition to our watermelon list of which we are really proud. Plant some this season. You will be more than satisfied. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



## 260 IMPROVED KLECKLEY SWEET --- ALSO CALLED WONDERMELON

This fine new Watermelon has been very popularly received. For a long time the old variety, Kleckley Sweet, has been the standard home garden melon in the South and is popular all over the country. It is not as good as it once was but at its best it could not compare with this fine new variety which we called Imp. Kleckley Sweet. This new melon is regular in shape, larger, sweeter, of better quality and better in every way than the old Kleckley. It is large, heavy, oblong, an even dark green skin, rather thin rind, rich bright scarlet flesh and an all-round fine melon for home and nearby market use. There can hardly be a typical farm home in the entire South nor even a good sized town garden without at least a few hills of good, sweet home grown melons to serve crispy cold on hot summer days. This cooling dark green melon with its frosty red heart, and it has a large and generous heart, surely is a refreshment delicious. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 85c. 5 Lbs., \$3.40. Write for our closest larger quantity prices, on the amount of seed you will need when ready to buy. It will pay you.

# STANDARD ALL-PURPOSE MELON OF THE WORLD



## 258 The "WATSON" or "TOM WATSON" WATERMELON

The Real Red Meated Tom Watson, the only kind to plant. Not the white centered, white hearted, "run out" seed so generally sold. (From Photograph of Average Seed Crop Melon in Hastings' Seed Crop—Seeds Saved Only From Selected True-to-Type Melons.)

The Watson has rightfully been the most largely planted melon in the South for shipping purposes. It's a splendid melon for shipping, for nearby markets and for home use. It is an excellent combination all purpose melon for you to grow.

There has been much complaint about the Watson "running out" and this is absolutely true of most of the Tom Watson seed on the market. It is seed saved from the tail end of the shipping crop, seed from malformed, rotten-ended runts and culls; seeds from white hearted or centered melons. You can't afford to plant such seeds. Plant Hastings' Seeds, the very finest you can buy.

In eating quality the Watson is good and its tough, medium thick, elastic rind makes it the finest shipper. Medium early, cylindrical shape, averaging 10 by 20 inches. Its dark green color and generally handsome appearance make it a seller at top of the market prices. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 80c. 5 Lbs., \$3.20. Write for our closest larger quantity prices.



## 255 HALBERT HONEY—FAMOUS SWEET WATERMELON

For a long time we all accepted Kleckley Sweet as the sweetest melon grown, but, as most all records are broken, in Halbert Honey was produced a sweeter melon and one without strings in the flesh. No stringy pulp is left even after the largest bite of "heart." This melon has been put through our tests and has been found a mighty good melon for home and nearby market use. It is the sweetest of all melons with the exception of our new Stone Mountain and its delicious crimson red flesh extends nearly to the skin, the rind being very thin and brittle. It is more evenly shaped than the old Kleckley Sweet, as shown in the above illustration, and the dark green skin makes it very attractive. It is early, prolific and grows to rather large size. Halbert Honey is a wonderful eating melon for you to plant and any surplus can be easily sold on local market. It is simply delicious. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for our closest larger quantity prices.



# MUSTARD FOR SPRING SALAD

Mustard is used as a condiment but the chief use is for greens or salad. The green leaves are boiled like Spinach or Turnip tops and make one of our most popular "greens." Plant plenty and it is well to make successive sowings.

**CULTURE**—Sow thickly in any good garden soil in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the spring. Sow from January to April. Use one ounce of seed to 200 feet of row.

**278 Giant Southern** No spring garden is complete without a patch of mustard for early salad. Our Giant Southern

**Curled Mustard** Curled is the very best of the finely curled strains, really beautiful enough to grace a flower garden. It is slightly pungent, crisp and tender and can be eaten like lettuce or boiled for "greens." The Hastings' strain of Southern Curled is the same as offered by one or more of the Northern seedsmen as "Ostrich Plume." If you like mustard you will be pleased with this. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.60.

**277 Chinese Mustard** An entirely distinct, yet thoroughly good variety of mustard of which we have sold thousands of pounds during recent years. It is of much larger growth than the Curled, about the same quality for salads or boiling and remains in condition for use a long time. The quick, almost rank growth of the Chinese, insures tenderness, mildness and freedom from bitter flavor. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.60.

**276 Florida Broad Leaf** Rather tall, upright, plants with much more leaf growth than other kinds. Leaves large, broad, rather smooth and with broad midribs. Leaves when boiled are of excellent quality. This fine smooth-leaved Mustard stays in eating condition without running to seed considerably longer than other varieties. It is valuable and popular. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.60.

**279 White Mustard** This is the variety the seeds of which are used in pickling for family use, and the seed when ground up compose what is known as "mustard" in the stores. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.60.

**275 "TENDERGREEN" or Mustard-Spinach** Splendid for "greens" practically the year around. Exceptionally hardy in winter and the large, thick leaves remain tender even during hot, dry summer weather. Similar to Mustard and Spinach but with a fine flavor all its own. Of Japanese origin, becoming very popular in the South. See also Page 48 for more complete description. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., 3.00.

**Combination Salad** See Page 48. Our own mixture of vegetable "greens" for a quick and lasting supply.

**QUANTITY PRICES**—Write for our special prices on 10 Lbs. or over of any seeds desired.

## OKRA-HASTINGS' GEORGIA GROWN

Okra is a close relative of the cotton plant and grows splendidly anywhere and everywhere in the Cotton Belt. The young seed pods are used in soups, stews, catsups, are boiled and creamed, fried in cracker crumbs or meal, etc. They are very highly esteemed throughout the South. After considerable experimenting we found that we could produce Okra seed to perfection and insure an earliness of maturity not found in Okra seed grown further south. Every pound of Okra seed sold by us is produced on the Hastings' Plantation.

Okra or Gumbo is a most healthful vegetable and ought to be plentiful in every Southern garden. In our seed growing work on the Hastings' Plantation we have developed splendid strains, being far superior to what is offered under these names by other houses, and we are sure that seed of these varieties will please you. Hastings' Dwarf Okra is a most desirable variety and on all three varieties we have been doing a great deal of type selection work on the Hastings' Plantation. We now have easily the best strains in America.

**CULTURE**—After frosts are past and soil is warm, plant in 2½ foot rows, covering seed about one inch. When well up thin plants to a foot apart. Cultivate and keep free from weeds. Plant one ounce of seed to 50 feet of row; about 8 pounds per acre.

**304 Hastings' Dwarf Okra** The great demand for a good Okra with dwarf plant growth has been realized. Some years ago we thought another seedsman had one and we bought stock seed and planted the Dwarf White. About half came dwarf; about half the pods were white and half green. The whole seed crop was dumped. Now we have a fine, large, green podded, very prolific, tender and good quality extra early Okra of uniform low or dwarf growth. The pods are thickly set on the plant and pods begin to form almost as soon as the plants show above the ground. Hastings' Plantation grown seed. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.

**306 Perkins Mammoth Long Podded Okra** This distinct green-podded okra is by far the best variety for market and shipping purposes, ready to use in 50 to 55 days, and is being used by many Southern truckers exclusively for this purpose. The original strain as originally introduced has been greatly improved by us, and its productiveness is simply wonderful, the pods starting to shoot out within 3 or 4 inches from the bottom of the stalk and the whole plant is covered with them to the height of a man's head (5 to 6 feet). Pods of an intensely dark green color, of unusual length, frequently 9 to 10 inches long when full grown. Pods are very slim and do not harden up as is usually the case with other varieties. Hastings' Super Strain. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.

**305 Hastings' White Velvet Okra** A standard variety throughout the South for home use and local shipment; ready to use in 55 to 60 days. We have a specially fine, early, very round, smooth-podded strain of medium size, the pods being almost altogether free from ridges and are not prickly to touch. This strain of White Velvet we find to be the very best of all the White varieties. It is one of the most popular garden varieties there is grown. See illustration to the right. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for larger quantity prices.



(277) Hastings' True Stock or Chinese Mustard



(306) Perkins Mam. Long Pod Okra



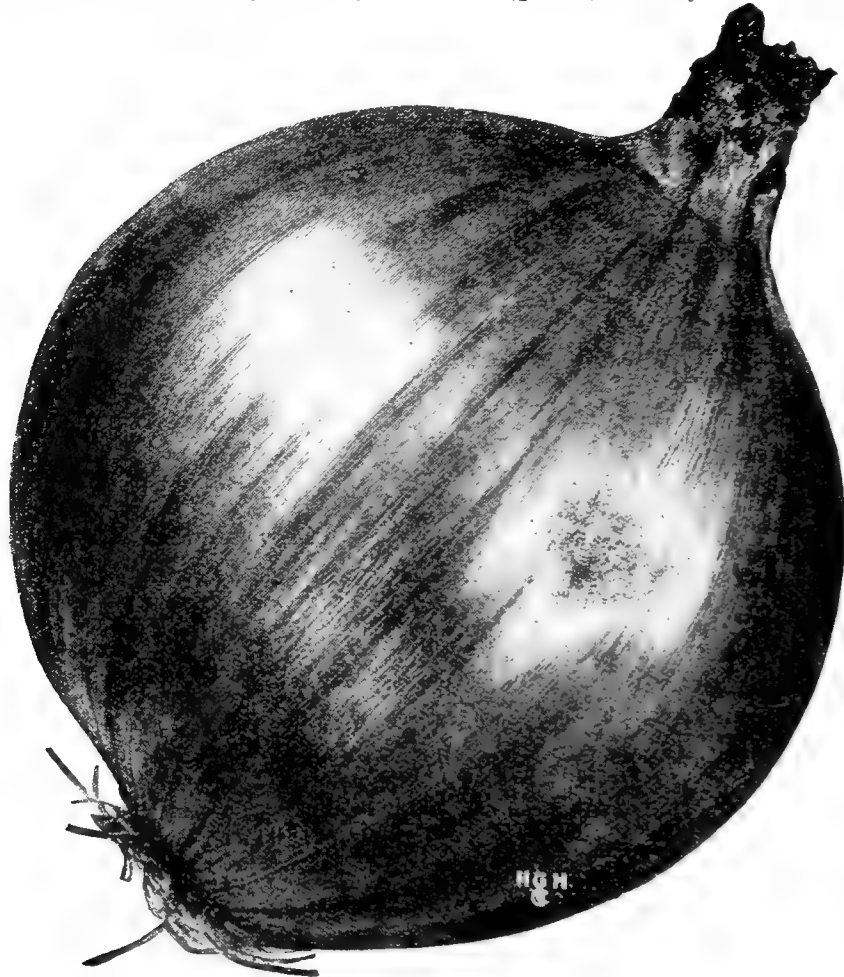
(305) Hastings' White Velvet Okra

# ONIONS

**CULTURE** For home use, onion seeds, sets or plants should be planted in any good garden soil just as early as the ground can be worked to advantage in the spring. Ground should be thoroughly broken, well fertilized or manured and then worked down very fine; all trash, clods or grass roots being removed. The use of sets is absolutely unnecessary except as a matter of earliness. Where well shaped, long keeping, marketable onions are desired plant the seeds instead of sets as the seeds make much better onions in every respect. Sets vary considerably in size, but the average will run about one pound of sets to 50 feet of row. Onions from seeds will mature in 100 to 140 days according to variety; from sets in from 80 to 100 days; from plants 2 weeks still earlier.

Cover seeds in clay or heavy soils about  $\frac{1}{2}$  inch; in sandy soils 1 inch.

If weather and soil are dry firm the soil after planting; heavy or clay soils should not be firmed when wet. As soon as seeds are well up begin a light surface cultivation and keep this up every week or ten days. Never let grass or weeds get a start, for young onion plants choked with weeds or grass die down in the "set" size and will have to be held over until the following fall. Cultivation (always shallow) should be kept up until bulbs are well formed and matured as indicated by the dying down or dropping over of the tops. When matured dig or plow up and store in a dry place, leaving tops on until you are ready to use or market them. Ounce of onion seed plants 200 feet of row.



(296) Hastings' American Prizetaker Onion Grown Direct from Seed

## 297 Australian Brown A Long Keeper

For a late maturing, long keeping Onion to last into and through winter if stored in a dry place, Australian Brown has no equal. If you plant the Bermuda, Prizetaker or the Hastings Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later in maturing than the earlier sorts but of neat, round shape, very firm and solid in texture and the longest keeping onion known for warm climates. Of somewhat pungent flavor; skin is amber brown although a little variable in color. Its great keeping qualities make it indispensable for home. Packet, 5c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$1.50. 5 Lbs., \$6.00.

## 290 Giant White Tripoli

Also known as El Paso, or Large Mexican. A large, flat, pure white, mild onion. Onions can be grown in one season from seed and on good ground will weigh over a pound. Packet, 10c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

## 285 Large Red Wethersfield

One of the oldest varieties and has easily retained its popularity. It's easily grown to full maturity from seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 5c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$1.50. 5 Lbs., \$6.00.

## 294 Yellow Globe Danvers

Very productive and most extensively used for both home use and market. A fairly good keeper, solid, rather mild, earlier than Hastings' Globe Onions. Medium to large sized; flesh crisp and creamy white with rich coppery yellow skin. Packet, 5c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.75. 5 Lbs., \$7.00.

## 300 Hastings' Silver Skin

White Portugal. A famous variety for raising sets because the little bulbs are so uniform. Also a splendid pickling onion with mild flavor and silvery white skin. It is flat on the bottom and thick towards the top, firm, hard, an excellent keeper. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.25. 5 Lbs., \$9.00.

## 296 Hastings' Prizetaker Onion

We offer Prizetaker Onion as the best all-round variety. Our Prizetaker Onion is of the very best American growth, far superior to all imported seeds. It has been successfully grown in all parts of the Central South from both spring and fall sowings. Our illustration, reproduced from a photograph, shows the shape of this variety perfectly. It is very large, frequently measuring 12 to 13 inches in circumference, and fine bulbs have been raised weighing from  $4\frac{1}{2}$  to 5 pounds each. During the last several years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## 298 Riverside Sweet Spanish

Superior to other strains of Sweet Spanish in flavor, mildness, keeping qualities and yield. Large, well shaped brown onion, weighs 1 to 3 pounds and unusually mild. When properly grown, without letting soil become too dry, it makes beautiful bulbs. Extremely popular for home gardens and is now creating a big market demand as well. Be sure to try this great new Onion. Packet, 10c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

## 295 Extra Early Barletta

An extra early pickling onion. Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

## 286 Extra Early Red

First red Onion to ripen. Bulbs are firm, medium sized, uniformly flat, moderately strong flavored. Flesh is white tinged purple and skin rich purplish red. Earlier than Red Wethersfield and very desirable for early market and home use. Keeps well for an early Onion. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.25. 5 Lbs., \$9.00.

## 292 Hastings' White Globe

Superb, large, pure, waxy white globe-shaped onion. Flesh crisp, fine grained and of very mild flavor. This globe onion brings the highest price on the market. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## 293 Hastings' Yellow Globe

Handsome pale-yellow globe onion, slightly larger than the White Globe. Fine flavor, mild, a good keeper. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## 291 Hastings' Red Globe

The handsomest and most richly colored of all red onions. A typical globe onion of great market value, nice appearance, mild flavor, fine quality and a good keeper. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## Hastings' Onion Collection, 25c.

You can't find a better year-round selection than this. Four large packets of the finest onions in cultivation; varieties early, medium and late in maturing and the most popular varieties on our whole list. Prizetaker, Australian Brown and Hastings' Yellow Bermuda and Riverside Sweet Spanish.

This splendid collection gives you a welcome variety and a selection that will last you practically the whole year. The Bermuda comes in very early, with the sweetest and most tender of all onions; Hastings' Australian Brown and Hastings' Prizetaker are later in maturing, of good size, and are well suited to the whole South except Florida and Southwest Texas, where they should be planted in the fall. They can all be grown readily from seed and bring high prices in any market. You cannot obtain better varieties or better seed anywhere. They are absolutely dependable.

**HASTINGS' ONION COLLECTION—25c POSTPAID.**

# HASTINGS' BERMUDA ONIONS

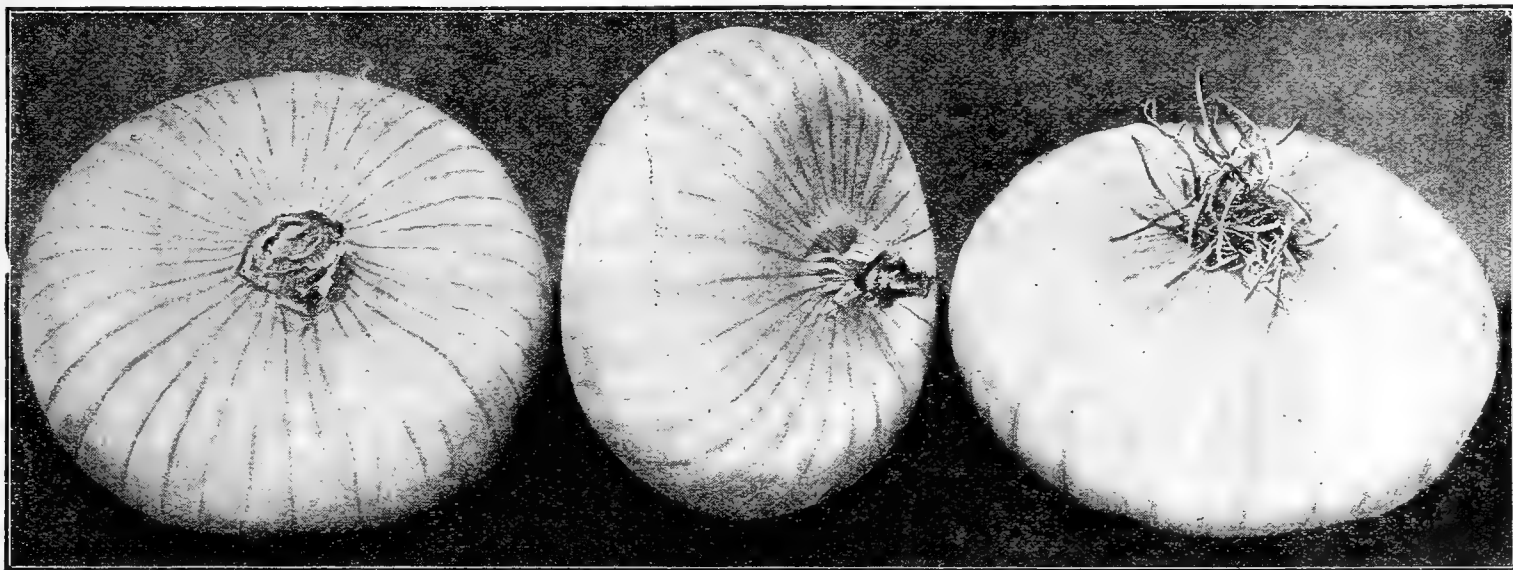
Back about 1890 Mr. Hastings introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and Gulf Coast sections. The great value of the Bermuda varieties for spring plantings is in the more northern sections of the South where it gets too cold for these varieties to live through the winter.

We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

**288 Yellow Bermuda Onion** The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White to distinguish it from the Bermuda Red, although it is a light yellow or straw color. Since the appearance of Hastings' Crystal Wax on the markets the produce trade of the country began calling this variety "yellow" to distinguish it from the pure white Crystal Wax. This is the variety that made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest onion seed in the world. The high quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the market prices.

Our illustration shows the Bermuda as grown from October planted seed. Less than six months from seed sowing (and mostly slow growing winter months) to the fully matured onions. No onion grown compares with the Bermuda in mildness of flavor, and for this reason it is immensely popular with millions of people who dislike the strong flavor of most onion varieties. You will make no mistake in planting the Bermuda Onion this spring. Large packets, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50.

**289 Hastings' Crystal Wax Bermuda** The most attractive onion in the world. Our own introduction and one of which we have been exceedingly proud. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. In Atlanta markets it has largely displaced all other onions during spring and early summer. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Hastings' Crystal Wax is an excellent home garden Onion as well as for market gardens and shipment. Being such a mild and beautiful Onion and so easily grown it is especially suited to home garden use. Every garden should have a few rows of Crystal Wax. It should appeal to everyone who likes Onions because of its superior quality and particularly to those who hesitate to eat Onions because of the strong flavor. This is the mildest and earliest of Onions. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. Remember Hastings' Bermuda Onions are the finest Onions grown. Write for larger quantity prices.



(289) Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the World

## Onion Plants—Our Genuine Bermudas

**YELLOW AND CRYSTAL WAX BERMUDA ONION PLANTS—NO OTHER ONION VARIETIES OFFERED IN PLANTS**

You no doubt know how easy and satisfactory it is to grow Onions from sets. Now, we are able to supply you with Genuine Yellow and Hastings' Crystal Wax Bermuda Onion Plants. They are much more satisfactory than sets and grow better shaped onions that keep much better than onions from sets. They are even more hardy than Frost Proof Cabbage Plants, standing heavier frosts and even light freezes without being killed.

You can have green onions for pulling in your garden and you can have fine matured onions from these plants ten days to two weeks ahead of onions from sets and 'way ahead of onions from seeds. Growers claim, too, that it is a big advantage not to have their onions run to seed. Onions from plants seldom run to seed while onions from sets do run to seed.

These Onion Plants hold up well in shipment and start growing as soon as they are planted. We recommend them particularly for home gardens, and market gardeners will also find them a

great advantage in maturing onions for the high earliest market prices.

### Hastings' Onion Plants Postpaid

**PRICES**—200 plants of one variety, 50 cents, postpaid. No order for less than 200 plants will be filled. Orders are filled by the hundred. All orders for less than 500 take the 200 rate.

500 Onion Plants of same variety, postpaid, \$1.00; 1,000 or more, \$1.75 per 1,000; postpaid to your address.

Write for Not Prepaid prices on large quantities.

**NOTE**—At these prices, we will mail these Onion Plants to any United States address, postpaid, except to California, Arizona and New Mexico. Plants cannot be shipped to these states because of Plant Quarantine Laws causing delay and damage to plants.

Plants are shipped direct from our Growing Station—separate from seed orders. **ABSOLUTELY No Plants Shipped C. O. D.**

## ONION SETS

**Yellow Onion Sets** Make medium sized, globe-shaped yellow onions. The standard yellow variety, very popular over the entire country. Lb., 30c. 3 Lbs., 60c. 8 Lbs. (pk.), \$1.50; postpaid. Not Prepaid—32 Lbs. (bu.), about \$2.75. Write for larger quantity prices.

Largely planted in home gardens for early onions to pull green. Many prefer these small tender green onions for eating raw. Owing to variations we sell onion sets by weight only, one pound during spring months usually equaling about one quart. Plant sets three inches apart in rows 12 to 15 inches apart.

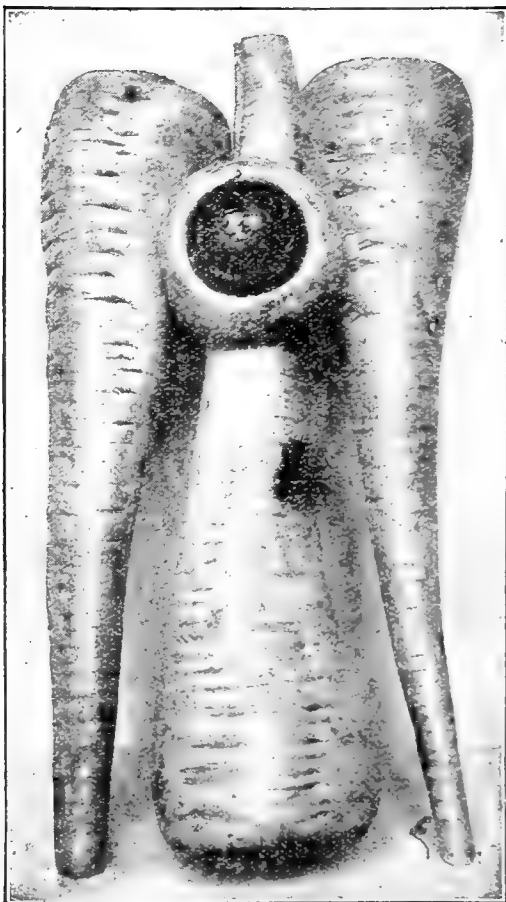
**Silver-Skin Sets** Make large Silvery White Onions. Lb., 30c. 3 Lbs., 60c. 8 Lbs. (pk.), \$1.60. Not Prepaid—32 Lbs. (bu.), about \$3.00. Write for quantity prices. **Pure Italian Garlic Sets.** Pound, 40c. 3 Lbs. for **GARLIC** \$1.00; postpaid.



## PARSLEY

A beautiful plant used for garnishing and for flavoring or seasoning soups and stews. Use the green leaves or dry them crisp and rub into a powder, keeping in bottles until needed for flavoring.

**CULTURE**—Parsley succeeds best in a rich, mellow soil. The seed usually take 3 to 4 weeks to germinate and it is best to soak seed in water 12 hours before planting. Plant in rows 1 to 2 feet apart and cover seed  $\frac{1}{2}$  inch with fine soil pressed down. When plants are about 3 inches high thin out to 4 to 6 inches apart, and if the leaves of the curled varieties are cut off at this time, the plants will start a new growth of brighter and better curled leaves. If the leaves start to turn brown, cut off; each cutting improves the growth. Plant one ounce to 200 feet of row; 3 pounds per acre in early spring or in the fall.



(311) Hastings' Imp. Hollow Crown Parsnips

### 308 Extra Moss Curled Parsley

Our fine strain of Extra Moss Curled is the most ornamental of all varieties. It is handsome enough to have a place in your flower garden, a favorite sort for garnishing, flavoring and to supply hotels and markets. It is planted almost exclusively by Atlanta market gardeners for that purpose. It's a compact growing parsley; leaves are a dark green color, very finely cut and so closely curled as to resemble bunches of moss. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., 80c. 5 Lbs., \$3.20.

**309 Double Curled Parsley** Plants of dwarf compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Especially planted by market gardeners. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**310 Plain Leaved Parsley** A very hardy, perfect growing variety, most excellent for seasoning, for which purpose it is grown almost exclusively. The leaves are flat, deeply cut, of very dark green color and not curled. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**PARSNIPS** Excellent for table use; prepared for like turnips or carrots, parsnips produce an immense crop of roots on favorable soil. They are more nutritious than turnips and any surplus will be found very valuable in stock feeding, especially for milk cows.

**CULTURE**—Parsnips succeed best on deep, rich, sandy soil but do well on any good deep, mellow soil. Fresh manure makes coarse roots of uneven shapes. Sow seed from January to April in the cotton belt for spring and summer crop; in Gulf section and Florida, from September to December for winter and spring crop. Plant in rows 2 feet apart and cover seed  $\frac{1}{2}$  inch, pressing down soil. When well up, thin plants to 6 inches apart. Plant one ounce to 100 feet of row; 5 pounds per acre.

**311 Improved Hollow Crown Parsnips** The best all-round variety of parsnips. The leaves start from a depression in the crown of the root, thus giving it the name of "Hollow Crown." Rich, with smooth white skin, very sweet flavor, immensely productive; ready for use in 80 to 85 days. Roots are smooth; in good soil 15 inches long by 3 inches across the shoulder; tender and sugary. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., 80c. 5 Lbs., \$3.20.

HASTINGS' SEEDS ARE THE "STANDARD OF THE SOUTH."



(308) Moss Curled Parsley Leaf

## LOOK For Something NEW The "ALL-AMERICAN" Selection

You need SOMETHING NEW more than ever before. But, only when that something new is better, will be more satisfactory or bring you more money than anything else of its kind.

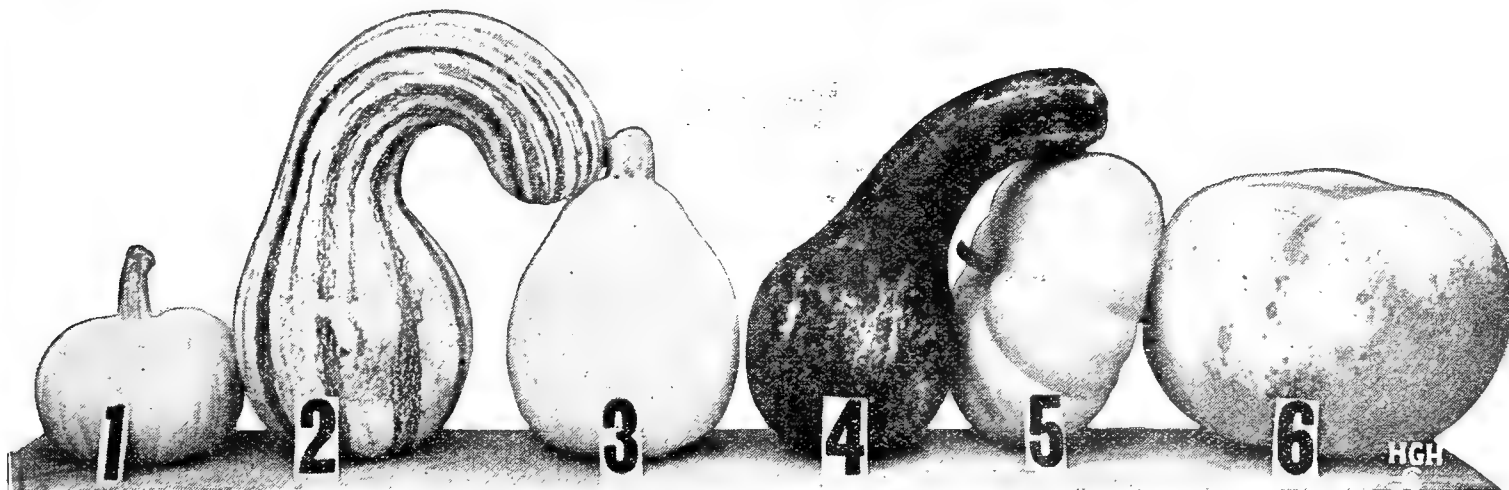
In vegetables we offer seeds of a good many varieties. Some kinds are better for shipping crops, others too tender and juicy to market but the finest of all for home gardens. The real seedsman offers the best and most satisfactory variety of each type and works through breeding and selection to improve his variety strains every year.

Many new varieties and new strains are originated by other hybridizers and growers. Many of these are introduced through the seed trade, often before they have been fixed as to type. The seedsman wants to get them as soon as possible and frequently must take the originator's word for their value. Naturally, most of these new things are unworthy and never become standard varieties. However, some of them are really outstanding and will soon displace other similar varieties. These worthy new varieties are just what the gardener is looking for and if possible wants them before anyone else. It means money and prestige for the commercial gardener, trucker or shipper. How shall he know?

The Southern Seedsman's Association in convention at Atlanta last June undertook the problem. The best judgment not only in the South but of all America was solicited to select the outstanding, worth-while new vegetable and flower seed novelties which would have the greatest appeal over the widest possible territory. In this symposium we could eliminate biased judgment. You may therefore feel reasonably sure that any novelty in the All-American selection is better than anything else of its kind or type or for its particular purpose.

The three most outstanding vegetables and flowers win "Gold Medal" distinction, the greatest novelties in America regardless of where they originated. Other novelties of special merit and deserving wide-spread attention win "Award of Merit" distinction.

**NOTICE**—The great national publicity being given this first All-American selection will doubtless cause a complete and early sell-out by all seedsmen fortunate enough to have seeds of any of these All-American varieties. Being new, the seed supply is obliged to be small. Order yours right away. SEE PAGES 4-7.



Distinctive Pumpkin Types—1, Sugar or Sweet. 2, Cashaw. 3, Tennessee Sweet Potato. 5, Southern Field. 6, Jumbo Mammoth Type.

## HASTINGS' BEST PUMPKINS

Pumpkins should be grown more largely on every farm in the South. Many sorts are splendid for pies and baking; others make a wonderful feed for stock during the winter months. Pumpkins are easily sold in the towns and cities when not wanted for use on the farm. Plant them on the farm this year—it will pay you.

**361 Tennessee Sweet Potato** Pear shaped and a little ribbed; color creamy white, sometimes striped with green; hardy, productive and keeps till late spring. Looks like a sweet potato when cooked and has a delicious taste. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**364 Sweet or Sugar** First-class sweet yellow fleshed for pies and baking. It is small, being

10 to 12 inches in diameter, and its quality is the finest. Heavy bearing and unexcelled as a table variety. Deep orange skin, slightly ribbed, thick flesh and one of the most popular Pumpkins for home use. It is so easily grown that every garden should have it for Pumpkin pies. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.40.

**365 Improved Green Striped Cashaw** This is our favorite of the Cashaw type of Pumpkin for the South. Attractive in appearance, color a variable mottled green striped with white.

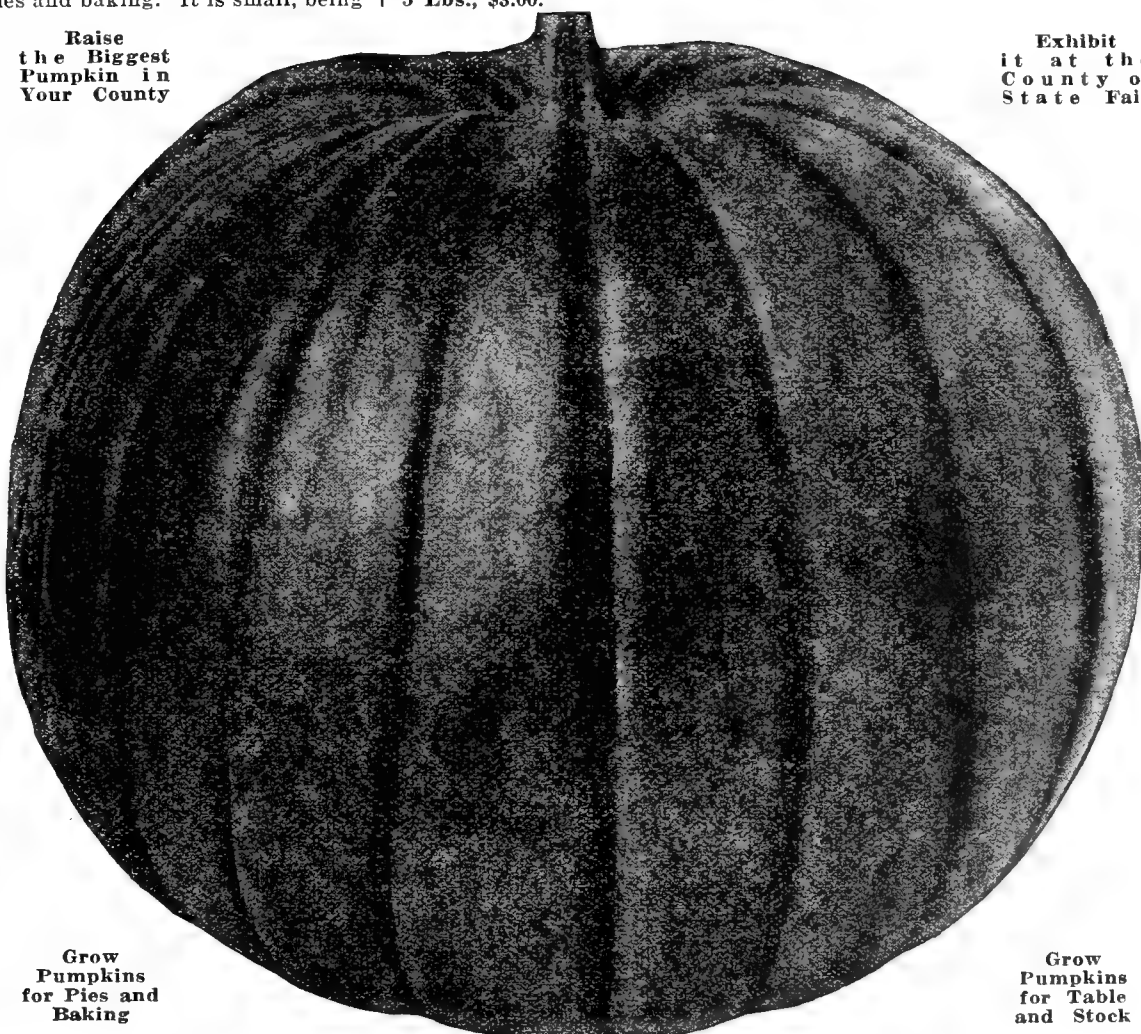
Flesh is a rich creamy yellow color; solid, fine grained and very thick. Sweet and most excellent for both pies and baking. Can be grown in the corn, makes heavier yields than the old Yellow Cashaw and is better for stock feeding. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**363 Hastings' Big Jumbo Pumpkin**

See illustration of this monster variety. Do you want to grow the biggest Pumpkin in your county? Our Jumbo is the variety with which to do it. The Pumpkin from which the picture was made weighed 220 pounds. Under good cultivation it's a monster. Quality is good, considering the size. Flesh a bright yellow, fine grained and thick. Skin salmon-orange, shape giant round and flattened, slightly ribbed. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 50c. Lb., \$1.75. 5 Lbs., \$7.00.

**Notice** Take full advantage of our Free Flower Seed offer on Page 1 and be sure to get your full money's worth and 25% extra in Seed Premiums. See back side of Yellow Order Blank.

Raise  
the Biggest  
Pumpkin in  
Your County



Grow  
Pumpkins  
for Pies and  
Baking

Exhibit  
it at the  
County or  
State Fair

Grow  
Pumpkins  
for Table  
and Stock

(363) Hastings' Big Jumbo Pumpkin, the King of the Mammoth Pumpkins

# Garden or English Peas for Planting in the South

Prices Include Postage  
Prepaid on Packets, 1/2,

1 and 2-lb. Packages. Larger quantities by  
Express or Freight at Purchaser's Expense

**Culture** The extra early, round seeded varieties, John L. and Alaska, can be planted very early as it takes a hard freeze to kill them. Other varieties have wrinkled seed and these must not be planted until the ground begins to warm up. All Peas may be planted in Florida and along the Gulf Coast through the winter. In the Central South, plant round Peas from January to about March 15th and then the wrinkled varieties.

Make sowings every 10 days to keep a succession of Peas through the season. Tall varieties, as Telephone, Marrowfat and Champion of England, need brushing or staking. Others may be planted in double rows, 6 inches apart, with 2 feet between the double rows. This allows running together in double rows and usually gives sufficient support. Keep working the soil up around the stems and all varieties will bear much longer. Cover seed in rows 2 to 3 inches deep. 56 pounds of wrinkled and 60 pounds of smooth peas make a bushel. Plant 2 Pounds of Peas to 100 feet of row.

**316 Hastings' John L.—** Earliest of all the extra early varieties; for home use, market or shipment. Since 1898 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of this variety to Florida shippers. The earliest time on record in early maturity was made with this variety years ago by C. J. Montgomery, St. Augustine, Florida. He planted 15 pounds of John L., and on the 30th day

from planting gathered one bushel of well developed pods therefrom. This really is a wonderful first early pea and a variety that always makes good when the highest prices are obtained. Packet, 10c. 1/2 Pound, 20c. Pound, 30c. 2 Pounds, 55c. Not Prepaid—10 Lb. lots, 14c per Lb. 100 Pounds or over 12c per Lb.

**317 Alaska Extra Early** Next to John L., week later

than John L. in earliness and is the best quality and heaviest bearer of all the round-seeded extra early varieties. A splendid shipper and one of the very best you can plant in the garden for home use for an extra early. Foliage and pods light green; pods 2 1/4 inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled peas in quality. There are a great many peas being sold under the name of "Alaska" that are from run-out stock or else not kept true to name. These dwarf varieties have to be "rogued" very carefully each year to keep them true to type. This we do very carefully and you can depend on us. For canning, marketing or home use you will find them absolutely satisfactory. Packet, 10 cents. 1/2 Pound, 20 cents. Pound, 30 cents. 2 Pounds, 55 cents. Not Prepaid—10 Lb. lots, 14c per Lb. 100 Lbs. or over, 12c per Lb.

(316) Hastings' John L.  
Extra Early Peas

**315 Hastings' Extra Early Surprise Pea** This extra early, wrinkled pea beats them all in combining in one variety, earliness, heavy-bearing and most delicious eating quality. While a true wrinkled variety it is a very early bearer. Vines grow 20 to 24 inches high and require no "staking" or "brushing" when planted in double rows. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2 1/4 inches long, with blunt ends. Uniform in maturity and yet very productive makes this pea popular with the canners and shippers. An early pea for good eating at home, for sale at nearby markets, for canning and shipping. Packet, 10c. 1/2 Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs. or over, 14c per Lb.

**318 Hastings' Genuine Early Bird** Please don't confuse this wonderful Pea with the old Laxton's Superb, now sold as Early Bird by several eastern seedsmen. Read the description of "Thomas Laxton" on next page. Our Genuine Early Bird is quite identical except with the added advantage of almost round seeds. This allows earlier planting and with far less danger of seed rotting in cold, wet ground than with wrinkled seeds. Heavy bearing, vigorous dwarf bush and large, full, straight, blunt pods. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs. or over, 16c per Lb.



(323) Thomas Laxton Pea



**323 Thomas Laxton** This pea is considered the finest pea in cultivation. It is early but a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity but hardier and slightly earlier. Pods with 7 peas, are about  $3\frac{1}{4}$  inches long, straight, well filled, rounded with rather a blunt end. The large wrinkled peas are of a greenish cream color and the plants are very vigorous growing. This is a very popular variety among the Florida and Gulf Coast growers. The flavor is very pleasing and the peas retain their tenderness. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., or over, 15c per Lb.

**330 Gradus or Prosperity** This garden pea is a superb extra early wrinkled variety with immense pods, is hardy and can be planted almost as early as Alaska. Grows  $2\frac{1}{2}$  feet high, strong and vigorous. Quality delicious,  $3\frac{3}{4}$ -inch medium green pods with 6 to 8 large, very sweet peas. Pods are uniformly well shaped, pointed and much more handsome than the first early varieties. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., or over, 15c per Lb.

**324 Laxtonian** This handsome new early wrinkled Pea is the easy leader of the large podded dwarf growth varieties. This type has grown rapidly to the front and is in great demand. Very large, dark green pointed pods, 4 inches long, with large, light green, flattened, wrinkled peas of fine quality. Dark green vines, 15 inches high, very vigorous and productive. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., or over, 16c per Lb.

**331 Premium Gem** A dwarf, wrinkled, extra early variety, growing about 15 inches high, and is one of the earliest of the good quality varieties for home gardens. This is an older variety that certainly deserves its great popularity. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., or over, 15c per Lb.

**319 Nott's Excelsior** A variety of American origin, one of the best early cropping sorts for the South. An extra early, very dwarf growing sort rarely taller than 15 inches. The peas are wrinkled and of the very finest quality and flavor. The growth while very dwarf is stout and heavy, holding the vines upright. Pods are more closely packed with the delicious peas than other varieties. Pods  $2\frac{3}{4}$  inches in length, blunt ends and about 6 peas to each pod. You will like it. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lb. lots and over, 16c per Lb.

## Second Early—Heavy Bearers

**329 Bliss Everbearing** The greatest favorite among our customers for home gardens and nearby markets. Height of vine 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large, frequently  $\frac{1}{2}$  inch in diameter. Its habit of growth is of peculiar branching character, forming as many as ten stalks to a single root. The individual or separate branches are of extraordinary strength and substance so that when hilled up properly they stand up well without "brushing." This variety is especially noted for its continuance of bearing, a characteristic which gives it special value. Even after repeated picking the vines continue to develop buds and blossoms which mature into fine peas. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., or over, 15c per Lb.

**328 Hastings' Home Delight Pea** Planted by tens of thousands of our customers with entire satisfaction. Earliest bearer of the second early or heavy-bearing varieties; a strong, vigorous grower, coming in right after the extra early sorts, and while enormously productive is of such stiff, stocky growth that it can be grown without "brushing" when planted in double rows 6 to 8 inches apart, rows running together as soon as high enough. The sweetness and tenderness and heavy-bearing qualities give entire satisfaction. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., or over, 15c per Lb.



(328) Hastings' Home Delight—Fine Second Early Pea



(329) Hastings' Bliss Everbearing Peas—For Home Gardens

**327 Hastings' Improved Telephone Pea** One of the best tall-growing wrinkled varieties, that has been found exceedingly profitable by both home and market gardeners. Grows 4 to 6 feet tall and must be "brushed"; immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent, sugary flavor, so desirable in garden peas. Vines and foliage strong and heavy, medium green. Pods  $4\frac{1}{2}$  inches long, medium light green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., or over, 14c per Lb.

**321 Large White Marrowfat** Old, well-known, very strong growing variety, that is a favorite. When properly "brushed" it is a heavy bearer and very profitable. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 14c per Lb. 100 Lbs., or over, 12c per Lb.

**332 Champion of England** One of the richest, best flavored late wrinkled peas. Well known, popular; tall growing, 5 feet, a heavy bearer. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., or over, 14c per Lb.

**326 Sugar or Salad Pea** A distinct variety with edible pods, as snap beans. These are great favorites. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 70c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., or over, 16c per Lb.

## HASTINGS' TABLE PEAS

**340 Large Black-Eye Peas** The standard large black-eye table peas. They are good as "snaps" or as dry or shelled peas. The peas are large, vines are tall and this is the most prolific bearer of the black-eye Peas. They are always in good demand, especially in the South and they are entirely worth while to grow and to eat. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Not Prepaid—10 Lbs. or over, about 8c per Lb. Write for our best prices on quantity lots.

**333 Sugar Crowder Peas—Table Use** One of the earliest to mature and one of the most prolific and best flavored table peas. Excellent also to use for forage crop and soil-improver with its large growth of vines. Long pods, filled and crowded with the most edible and greatly desirable field peas. Cream colored peas, usually 12 to 20 or more crowded in each pod. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Not Prepaid—10 Lbs. or over, about 7c per Lb. Write for special quantity prices.

**341 Lady Peas** Smallest and sweetest flavored of all so-called cow-peas and like our Sugar Crowders, should not be classed as a field pea. Lady Peas are small, round-oval and cream colored; very prolific and are delicious when used in green or dry stage. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs. or over, about 10c per Lb. Write for quantity prices.



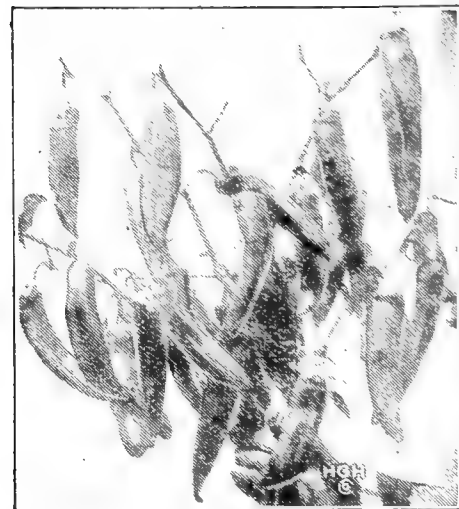
(351) Mixed Peppers

20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**354 Red Chili Pepper** **HOT**—A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent Peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest Peppers and a plenty of them, plant Red Chili. This is the best hot Pepper we can possibly offer if you want the hottest Peppers. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.**

**347 Anaheim Chili** **HOT**—Long, rather large, 1½ by 7 ins.; highly desirable Pepper. Not too hot but pungent enough to add Pepper flavor to any salad. Excellent for table use and canning. Largest and longest hot variety. **Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$27.00.**

**355 World Beater** **SWEET**—An outstanding strain of Hastings' Royal King type bell Pepper, now being extensively grown. Vigorous grower, sure cropper and very prolific. Fruits turn a beautiful scarlet, exceedingly mild; flesh thick and firm and an excellent shipper. Slightly more elongated than Royal King and in that, usually slightly larger. You can't go wrong with World Beater. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.**



(349) Long Cayenne Hot Pepper

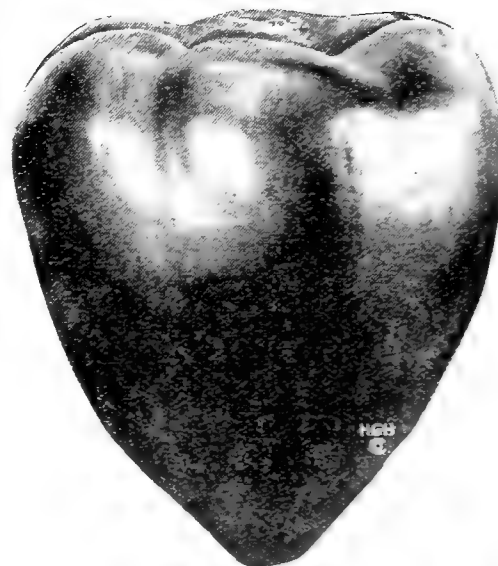
## PEPPERS

**Culture** Pepper seed does not germinate freely in a temperature of less than 65 degrees, hence should be started in hot beds, in protected boxes or else planting deferred until the ground gets well warmed up in the spring. When plants have 6 to 8 leaves and danger of frost is past they can be set in the open ground in rows 3 feet apart, 14 to 16 inches apart in the row. As the plants begin to produce fruit draw the earth up around the stem as a partial support. Sweet Peppers can also be sown in July and August in Florida for the fall shipping crop, many finding this more profitable than spring shipping crops. In spring planting, 1 ounce of Pepper seed will usually make about 1,000 good strong plants if properly handled. Most gardeners prefer to plant seed at the rate of about ½ pound per acre to make sure of a sufficient quantity of plants.

**351 Hastings' Mixed Peppers** **HOT**—Almost all home gardeners want both sweet and hot Peppers in their garden and with this end in view we make each year a mixture of the seed of all varieties catalogued by us; hot and sweet, large and small. This gives you some of every kind in your garden. We sell thousands upon thousands of packets of Mixed Peppers every year and they give the greatest satisfaction. At least one packet ought to have a place in every seed order for the home garden. **Packet, 10c. 3 Packets, 25c.**

**353 Tabasco Pepper** **HOT**—Famous pungent variety used to make Tabasco Sauce and also grown for home and market use. 2½ foot plants, producing an abundance of extremely hot, bright scarlet Peppers 1 to 1½ inches long. Easily gathered because fruits grow upright. Late. Plant Tabasco for pepper sauce and hot peppers. **Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.00. 5 Lbs., \$32.00.**

**349 Long Cayenne** **HOT**—Our Long Cayenne is a burning hot Pepper. Larger than Red Chili but just as hot and pungent. Cayenne is a long red Pepper; this is the true type. Plant for dried Peppers. **Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.**



(358) Hastings' Perfection Pimiento



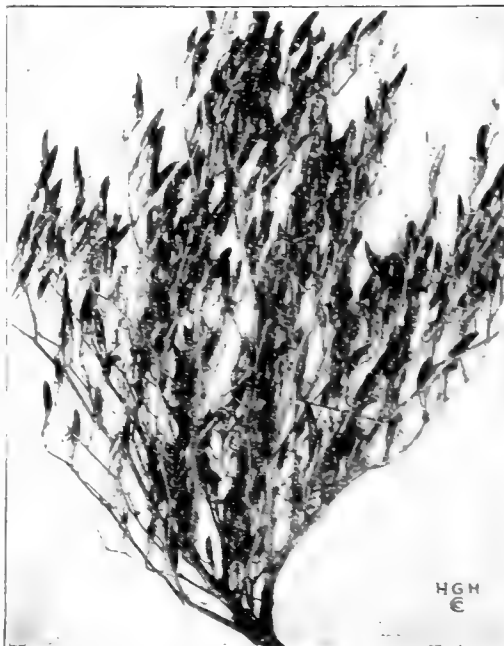
(355) World Beater Pepper

### 358 Hastings' Perfection Pimiento

**SWEET**—This superb mild-flavored of all Peppers is well known to the people of the Southeastern States, and it is the variety for every one desiring mildness of flavor. Pimiento was first introduced in Southern California in 1911. It has been grown in Georgia since 1915, one cannery alone contracting for 3,000 to 5,000 acres a year. It can be eaten raw like an apple; can be stuffed with meat and baked; used as a salad and also canned. It has thick, firm flesh which permits its being scalded and peeled. Our illustration shows our greatly improved strain. **Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.**

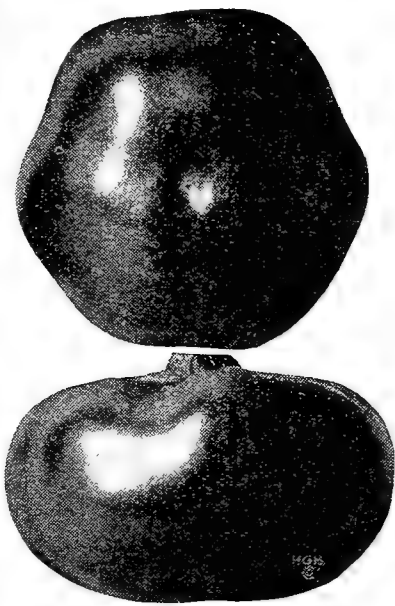
### 356 Large Bell or Bull Nose

**SWEET**—The standard large variety for home use. Rather pungent flavor, is comparatively early and a heavy producer of fruits. 3 to 3½ inches long and 2 to 3 inches across the shoulder. Fruits deep green when young and bright crimson when mature. **Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$11.00.**

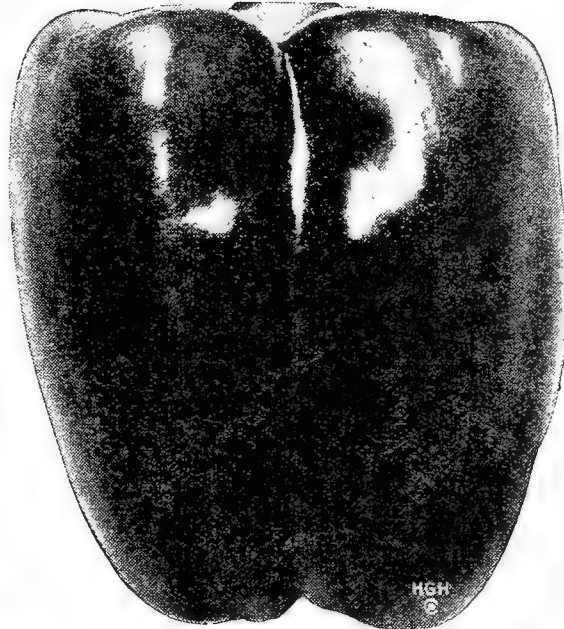


(354) Red Chili—Our Best Hot Pepper





(348) New Tomato Pepper



(357) Hastings' Royal King—Ideal Bell Pepper



(359) Ruby Giant—Large, Mild

## 346 HASTINGS' NEW CALIFORNIA WONDER

The greatest Pepper ever introduced. It really is better than our Royal King. Nearly as large and earlier than true Chinese Giant, now almost extinct. Very large, square-shaped, four lobed, exceedingly mild, sweet, the thickest flesh and heaviest fruits of all Peppers. It packs well, ships well, holds up well; is exceptionally prolific and a true money maker for the grower. It sits upright, is ideal to stuff and bake or to serve whole with salad. Plants are of stocky, strong, erect growth. Fruits are uniformly regular in size and shape and well filled out. Picture below is of an average young green, first set fruit in our seed crop on the Hastings' Plantation, of course reduced in size. It changes to a brilliant light crimson. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$22.50.

## HASTINGS' ROYAL KING

**357** Introduced by us in 1917. While it is a superb sweet Pepper for home and market use we want to especially call the attention of the trucker or shipping market gardener to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This will insure its being a top price seller at all times.

It is very prolific, bright and glossy, of large size (the illustration above shows the fine natural shape and type of this fine variety); the flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size for a Pepper, and the plants are of strong, stocky, erect growth. It is a native Southern Pepper, originating right here in Georgia, and has made good from the start. Taste it raw, stuff it with meat and bake it and fill it with salads for the table; we believe you will agree that it is the bell type Pepper you have been looking for. Packet, 10c.  $\frac{1}{2}$  Oz., 20c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

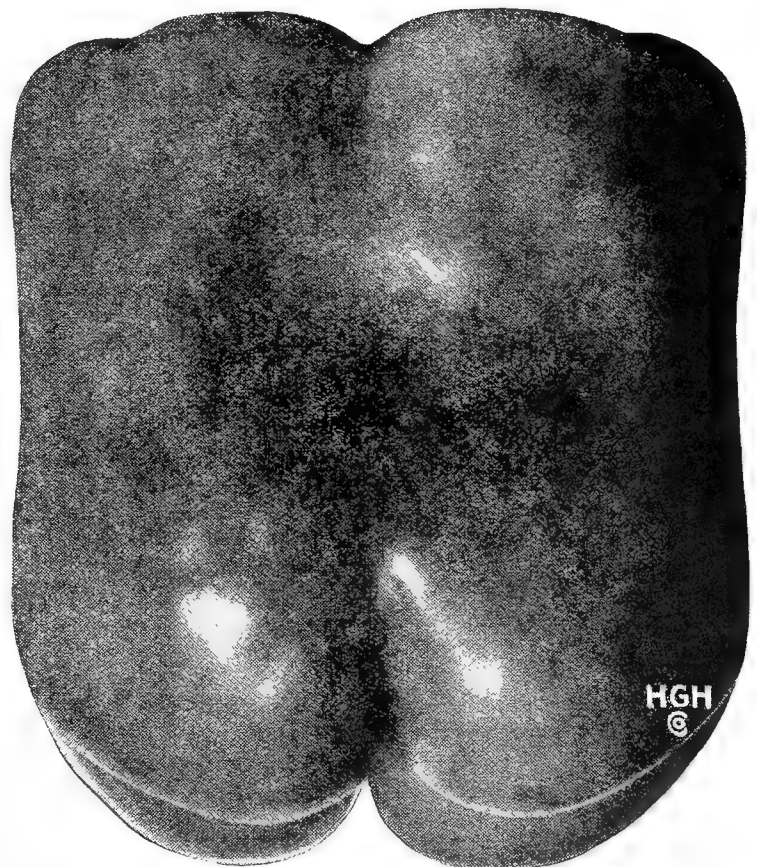
**359 Ruby Giant** If you want an exceptionally large, mild Pepper, here it is. Hastings' Ruby Giant is a cross between Ruby King and Chinese Giant, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw.

Ruby Giant is early in maturing; the plant is vigorous and upright, taller than the Chinese Giant, much more productive and an excellent large sweet Pepper for stuffing. It makes a satisfying table Pepper, an ideal home garden sort, and is a quick basket filler, that will sell on sight for the market gardener. Packet, 10c.  $\frac{1}{2}$  Oz., 20c. Oz., 35c.  $\frac{1}{4}$  Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**352 Ruby King** A leading variety of sweet Pepper for home and market use. Very vigorous grower with large, sweet, mild fruits. A close favorite with Large Bell or Bull Nose, slightly larger in size and certainly much sweeter and milder than that variety. Plants are about  $2\frac{1}{2}$  feet high. Fruits are often 4 inches long, deep green when young, turning bright red. With its mild, thick flesh, is fine for mangoes or stuffed peppers. Packet, 10c.  $\frac{1}{2}$  Oz., 20c. Oz., 30c.  $\frac{1}{4}$  Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**348 Hastings' Tomato Salad Pepper** See Picture Above. This variety, shown above in its natural size, is a Pimiento selection, very mild or "sweet" and with very thick flesh. It is very prolific, the plants being loaded with these uniformly shaped and sized Peppers that look like tomatoes in shape and color. They are fine for canning because the uniform size and flat, round shape pack well in cans or jars and bring a very fancy price when shown in glass jars. They are delicious eaten raw or chopped in salads and the skin may be scalded or charred and rubbed off without hurting the thick flesh, just the same as with Pimiento, if you like. Be sure to try this variety this year. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$22.50.

**350 Hastings' Golden Prize** Large, bright golden-yellow variety; very sweet and mild. These colored Peppers make an attractive salad, especially served with the green or red, and are delicious. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$22.50.



(346) Hastings' California Wonder—Thickest Flesh of All.



# HASTINGS' RADISH SEED

**Culture** For best results Radishes require a rich, loose, moist soil, so they can be grown quickly. The crisp, tender flesh of early Radishes depends almost entirely on rapid growth. Successive plantings should be made every 10 days or two weeks to keep up a continuous supply of crisp and tender Radishes. For quick use plant the round or button Radishes and olive shaped. For later use plant the long and half-long varieties, as they root much deeper and better resist heat and drought. What are known as winter Radishes should be sown in August and September. All Radishes should be sown thinly in drills one foot apart, seed covered  $\frac{1}{2}$  inch and kept clear of grass and weeds. Our Radish seed is of the very best, grown from carefully selected and transplanted roots. Radishes are very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Radishes mature in 3 to 6 weeks.

**376 Hastings' Early Long Scarlet** This is the most popular of all Radishes in the South for general garden use and market. Our illustration shows the remarkable regularity and fine shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, as all Radishes should be, it is free from all pungent taste. About 6 inches long. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**382 Long White Icicle Radish** Excellent and profitable; a new and distinct sort; ready for use as soon as Hastings' Early Long Scarlet and has fewer leaves. Admirable alike for open air and under glass. The Icicle is a clear white in color. 6 inches long, slender and tapering shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for both market and home gardeners who want an early, long Radish. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**384 Half Long Deep Scarlet** You see as its name implies it is about half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance, and in market brings high prices. In color, skin is a brilliant scarlet throughout; flesh a clear white; crisp, tender and free from pungency or hotness, so common in many Radishes. An extra early variety, and is thoroughly satisfactory to Southern gardeners who plant it. It is of quick growth and seldom becomes pithy, even when old or in bad growing seasons. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

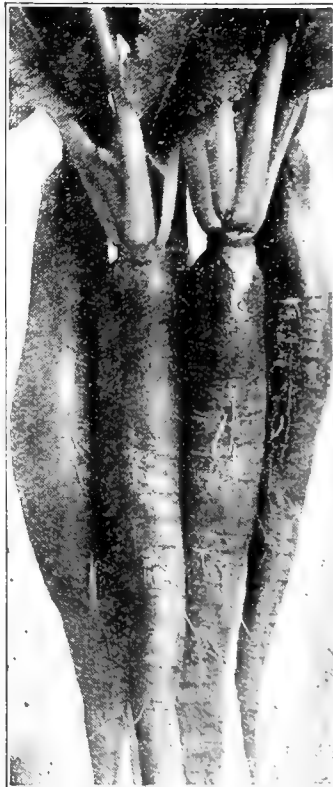
**383 Hastings' Glass or Cincinnati Market** After we introduced this Radish it was called the "Cincinnati Market Radish" by a Northern seed house and is generally catalogued by Northern houses under that name. We consider it one of the finest of the long red or pink Radishes. It is of bright pink color with white tips; very regular and uniform in size and shape. Flesh transparent, giving it the name of Glass Radish, always crisp and brittle, with mild flavor even when grown to large size. Desirable for both market and home use. The illustration above shows how nicely these fine Radishes bunch and pack for market. A greatly improved strain of Long Scarlet, so popular everywhere. In Cincinnati and other city markets it is always in popular demand. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**389 French Breakfast** A very tender and mild Radish, favorite for an early half-long variety in the South both for home and market use. Color bright red with white bottoms. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**390 California Mammoth White** WINTER RADISH. Largest of all winter Radishes and extensively grown by the Chinese gardeners in California. Grows about 8 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh;



(376) Hastings' Early Long Scarlet Radish



(383) Hastings' Glass Radishes



(382) Hastings' Long White Icicle Radish

solid, crisp and of good flavor. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**377 China Rose Winter** WINTER RADISH. Distinct handsome variety of winter Radish. Skin a deep rose color, flesh pure white, crisp, of pungent flavor. Good keeper well into spring. Roots cylindrical, blunt at both ends, 4 to 5 inches long, 2 inches thick; smooth skin. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**386 Black Spanish Winter** WINTER RADISH. Best black skinned Radish. Roots round,  $3\frac{1}{4}$  inches across, crisp white flesh. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**387 HASTINGS' MIXED RADISHES** Many don't want to make more than one Radish planting to last all season and our mixed Radishes fill the bill exactly for this purpose. Hastings' Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. There are early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packages of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender Radishes throughout the season from one sowing. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**25% Extra From Hastings'** Take full advantage of our Free Flower Seeds as offered and pictured on Page 1. These are absolutely free to you with every dollar or larger order sent to us this spring. Also you get 25 cents worth of seeds of your own selection extra with each dollar sent us for vegetable and flower seeds in packet and ounce quantities. These premiums and extra values are possible because we have more customers than any other seed house in the world. Our Extras or Premium Seeds represent a dealer's commission saved by you for ordering direct.

You profit by planting the finest strains of the best varieties so far produced and you save money on your seed order from Hastings' as well. You know it is the Hastings' Policy to give you more actual value for your money than you can obtain anywhere else. This generous policy has more than proven worth-while to the half a million families who send us their orders. Take full advantage of our Premium Seeds on your order. You Know You Get Your Money's Worth From Hastings' in "Everything That Grows."

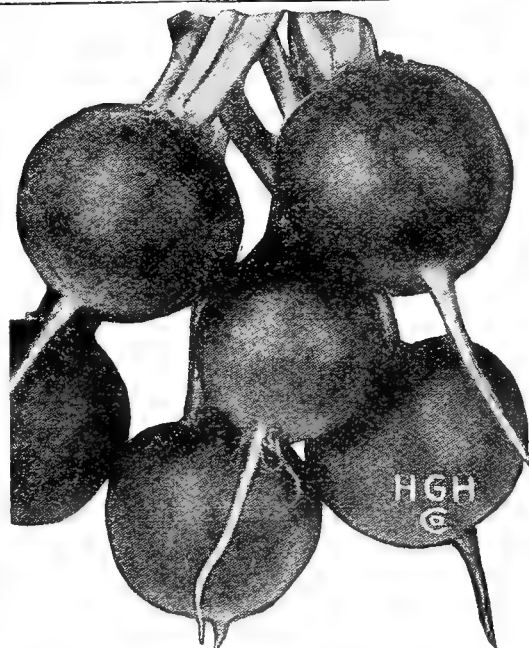
# ALWAYS THE BEST

**381 Scarlet Button Radish** A favorite extra early Radish; round form and deep scarlet skin; mild flavor, crisp and very tender; short narrow leaves, making a very small top. Scarlet Button is a popular Radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden Radish and our Scarlet Button leaves nothing else to be desired. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**375 Rosy Gem Radish** Also called "White Tipped Scarlet Ball." A favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. Earliest, globe shaped, with rich, deep scarlet top, shading pure white at bottom. Tender and crisp, seldom becoming pithy. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**372 Early Scarlet Globe** Really slightly olive shaped roots, almost globe shaped, with white, tender, crisp flesh and rich, bright scarlet-red skin. This Radish is especially recommended to gardeners as a large, first early forcer and is very desirable for first early planting outdoors for the home garden and market. There has been a big demand for a large early round Radish and our Early Scarlet Globe certainly is filling this big demand. Uniform in color, shape, fineness of top and time of maturity and unsurpassed in quality. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**378 Crimson Giant** A large sized early turnip Radish, a little longer in shape than the Scarlet Button but brighter color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.



(381) Hastings' Scarlet Button Radish

## SALSIFY

### THE VEGETABLE OYSTER

Salsify is one of the most desirable and nutritious winter vegetables. The roots when cooked are delicious and may be served in many ways. The flavor is very much like oysters and especially where it is difficult to get fresh oysters, Salsify is very popular. Let them grow until frost and stay in the ground until needed. They are greatly improved by remaining in the ground during freezing weather.

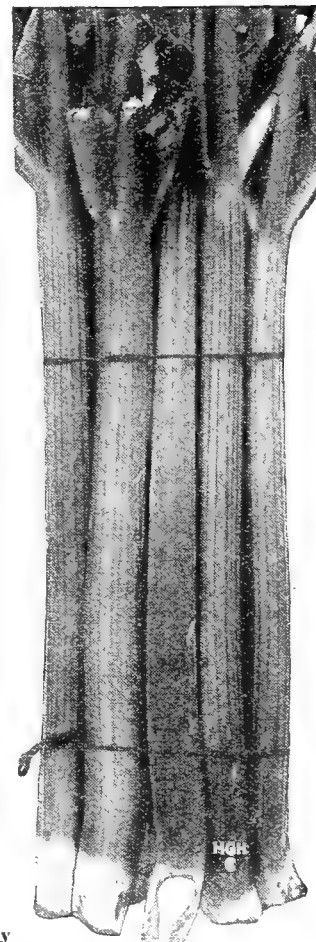
**CULTURE**—Salsify succeeds best on a rich, light, deep soil. Avoid fresh manure as it makes badly shaped and uneven roots. Sow seed early in spring in rows about 18 inches apart and thin plants to 3 inches apart. Cover seed ½ inch. Cultivate frequently and let grow all summer. Dig when needed through the fall and winter but all should be dug before growth begins in the spring. Store in a pit or cool cellar and they will keep nicely until ready for use. Sow one ounce to 100 feet of row.

### 404 M a m m o t h Sandwich Island Salsify

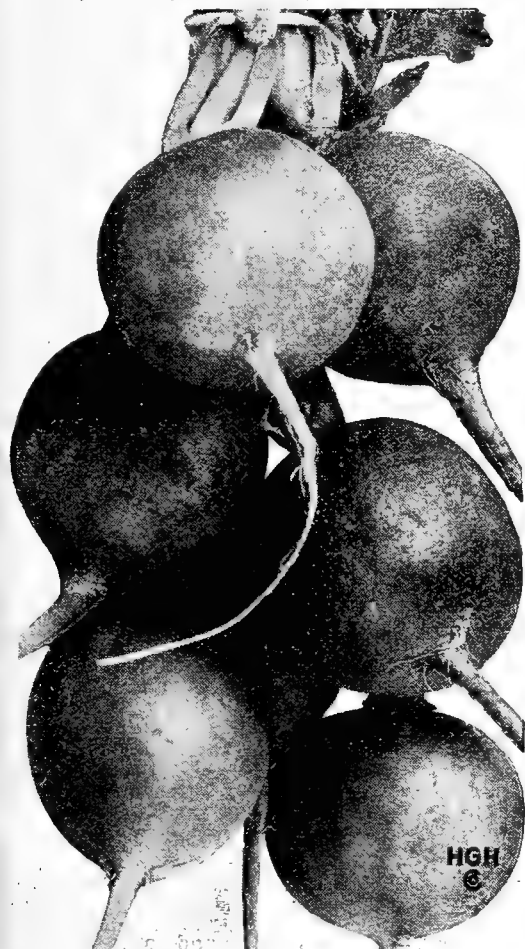
Easily the best variety. It is a large and strong grower with long, smooth, white tapering roots, excellent in quality and less likely to branch than other sorts. Equally desirable for home and market gardeners. Packet, 10c. Ounce, 25c. ¼ Pound, 75c. Pound, \$2.25. 5 Pounds, \$9.00.



(404) Sandwich Island Salsify  
The Popular Vegetable Oyster



Rhubarb or Pie Plant



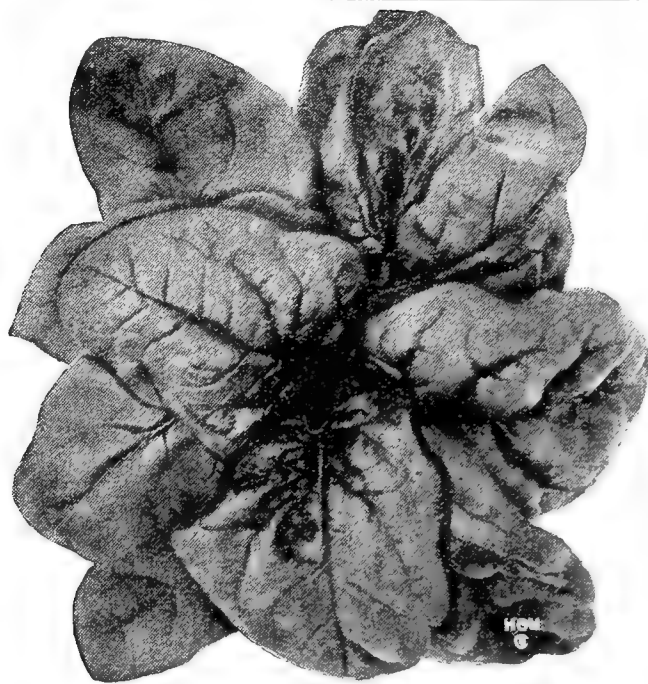
(372) Early Scarlet Globe Radish

## HORSERADISH ROOTS

There are very few people who don't need, at some time or other during the year, horseradish for seasoning. You can usually buy it at the stores but so adulterated as to be almost worthless. Horseradish can be grown almost anywhere in the South successfully, but gives best results in rich, rather moist, partly shaded locations. Prices: 12 Roots or sets, 35 cents; 25 Roots, 60c; 50 Roots, \$1.10; 100 Roots, \$2.00—Postpaid. Roots are sent separate from seed orders as we wait for reasonable time to ship to prevent damage in transit.

## RHUBARB OR PIE PLANT ROOTS

Rhubarb is about the earliest plant you can use in the spring for pie making and stewing. It also has great medicinal qualities; extract of Rhubarb is largely used to aid digestion. It is not recommended for Gulf Coast sections but it does well in the Central South and farther north in moist, rich, heavily fertilized, partly shaded locations. Set out roots in early spring. ROOTS—30 cents each, 4 for \$1.00—Postpaid. Write for quantity prices. Roots are sent separate from seed orders as we wait for reasonable time to ship.



(411) Hastings' Aragon Spinach



(416) Hastings' New Zealand Spinach

## SPINACH FOR "GREENS"

No vegetable or plant makes better or more nutritious greens than Spinach. No doubt you've read about vitamins, and there are thousands who eat yeast cakes and tablets to get that body building item—fat soluble vitamins. Of course your body needs vitamins but you may be interested to know that a couple of good size bites of Spinach contains more vitamins than any yeast cake you ever saw. The reason people need more vitamins is because people don't eat enough green vegetables.

Spinach greens are much more delicious than Turnip, Beet, Rape and Dandelion greens. Plant Aragon or Bloomsdale for early use and New Zealand for a plenty of the fine greens all summer long.

Our specially grown Spinach is far superior to the Spinach seed commonly sold. Its germination is stronger and better, the growth larger, more vigorous, and hardier.

**CULTURE**—Spinach requires rich soil, the richer the better, and can be sown during January, February and March, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Leaves are usually large enough for eating in 8 weeks. Sow one ounce of seed to 100 feet of row.

**411 Hastings' Aragon Spinach** Very best Monstrous Leaved Viroflay Spinach. Fine market size, with large, broad, thick, dark green leaves, lightly crumpled or savoyed and stands a long time before running to seed. The hardiest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Not Prepaid—100 Lbs. or over, 20c per Lb.

Hastings' Aragon Spinach was named for the Aragon Hotel in Atlanta.

**412 Bloomsdale** A valuable variety which is extensively grown, producing large crops of savoyed leaved Spinach. Early and hardy; one of the best for market and canning. Plants of upright growth, leaves of medium size, crumpled or blistered; color glossy dark green. Also called Norfolk Savoy Leaved. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Not Prepaid—100 Lbs. or over, 20c per Lb.

**413 IMPROVED NOBEL—Giant Thick Leaved** 1932-1933 ALL-AMERICAN SELECTION, AWARD OF MERIT. This new giant thick leaved strain is the heaviest producer of thick, rich green leaves and is quite slow in running to seed. Leaves are huge, rounded, lightly crumpled, very succulent, crisp, tender and of delicious flavor. It grows rapidly into the largest Spinach in cultivation and will likely supersede other varieties and strains of mammoth thick-leaved Spinach for home gardens, market and shipping. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Not Prepaid—100 Lbs. or over, 20c per Lb.

**416 NEW ZEALAND SPINACH** An all summer variety growing luxuriantly in hottest weather. Cut and it comes again, a few plants furnishing the finest flavored "greens" all summer for an average size family. Plant in March or April, after ground gets warm, where plants are to stand.

It does well on poor or rich soil; the plant grows large and spreading and the tender shoots are of fine quality with small, broad, pointed leaves. Seeds start growth quicker if soaked in warm water for 24 hours. New Zealand Spinach should be in every Southern garden as an all summer vegetable. Packet, 10c. Oz., 15c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for Special Price on 100 Lbs. or over. It pays to plant Hastings' Seeds. Prices will be right.

## 280 HASTINGS' "GREENS" COMBINATION SALAD

"Greens" or "Salad" is wanted more than anything else in average gardens. Atlanta's Unemployed are already being fed from hundreds of pounds of Hastings' Combination Salad planted on many acres by the local Relief Committee in conjunction with County Authorities. Combination Salad was selected because most people like a variety of greens and many of our good customers like to plant them all at the same time, either in rows or broadcast, and have good tender greens for boiling over a long time.

There really is a distinct advantage in having a combination. A whole lot of Turnip Greens or a whole lot of Mustard or Rape or Kale easily gets tiresome to eat when it is on the table every day. When the four salad vegetables are served together you not only have your favorite but also you have an entirely different salad, a flavor of each but a combined taste that will make you like "greens" more than ever.

Upon request by so many local customers we mix in well balanced proportions these four splendid "greens" and now keep it in stock already mixed at all times. This is so much more satisfactory than taking a packet of each and pouring them together. More Rape comes in a regular packet than Kale or Mustard and so the proportions would be wrong, and also a person desiring only a dime's worth wants and should have just as good a mixture as another who might want several pounds of seed.

Our customers with small gardens haven't space enough for several kinds of greens when they also want beans, peas, tomatoes, squash, peppers, beets, carrots, radishes, Brussels sprouts, lettuce, etc. To these we particularly recommend Hastings' Combination Salad. However, our farm customers also want a variety of greens and many of them prefer to grow as well as to boil them together. Hastings' Combination Salad is our own mixture of Turnip, Mustard, Kale or Borecole and Rape—properly proportioned to give you some fine boiled dinners within a few weeks and many more until you've eaten them all up.

**PRICE**—Ounce, 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.60. Not Prepaid, 10 Lbs. or over, 40c per Lb.

## Hastings' Tendergreen

**275 Mustard-Spinach** This splendid "greens" plant is rapidly gaining in popularity throughout the South. It is largely used instead of Spinach in Japan and the Orient because it grows on and stays tender even in dry weather. That is just what we need in the South, hence its growing favor.

Tendergreen is a plant used for "greens" only, about half between Spinach and Mustard, and preferred by many to either. It is becoming extremely popular in markets where it is known and we believe it to be a coming "greens" crop for both home garden and market growers. It can be grown most of the year, being quite hardy in winter and standing hot weather as well. Leaves are large, thick, succulent, of deep green color and with small midribs. Tendergreen does not make a bulbous root like Turnips, simply a small taproot about three ins. long. Leaves are gathered and boiled for "greens" just like Turnips, Mustard, Spinach and Kale. The flavor of Tendergreen compares most favorably with any other "greens" vegetable and we hope you will at least try Tendergreen in your garden this year. Remember its great value in remaining tender under most trying weather conditions. Seed direct from Japan.

More money has been made with our Tendergreen than with all other greens is the report of many market gardeners coming in our Atlanta store for more seed. You will surely want Tendergreen in your own garden.

**PRICE**—Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.





(424) Early Yellow Bush Squash.

(420) Hastings' Mammoth White Bush Squash.

(426) Giant Summer Crookneck Squash.

# HASTINGS' SUMMER BUSH SQUASH

**Culture** Squash will not stand frost and cold nights, hence plantings should not be made until danger of frost and cold nights are over. Work the soil deeply before planting. For the bush varieties, hills should be 3 to 4 feet apart each way; 6 to 10 seeds in each hill, covering seed about 1 inch. Thin out to 2 plants after rough leaves are formed. One or two shovelfuls of well rotted manure to each hill, thoroughly worked into the soil, is advantageous. Hoe often, keeping down all weeds and grass. Keep surface soil loose, but do not disturb the plants while bearing. Keep the Squash picked off as soon as ready for use, as this keeps the plants bearing longer. Running Squash for fall and winter use should not be planted until June or July in this latitude. Hills for these should be made 8 to 10 feet apart. Hoe frequently but do not disturb the runners. Plant one ounce of seed to 25 hills, two or three pounds per acre.

**425 Early White Bush** The well-known White Scal-  
loped or Patty Pan Squash. One of the earliest to mature, very productive; skin and flesh a light cream color. Similar to Mammoth White Bush except finer grained and not so large. A very popular variety for shipment to Northern markets from Florida as well as being a general favorite for home gardeners everywhere. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**420 Hastings' Mammoth White Bush** A marked improvement over the Early White Bush, being nearly double the size and more regular in shape. Early, uniform and prolific; has beautiful clear white skin and flesh and grows 10 to 12 inches in diameter. Fine for family gardens and nearby markets, and when picked young can be used for shipment. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**422 Golden Custard** Much larger than any other scal-  
loped variety. It's nothing unusual to have them reach a size of 2 feet in diameter when planted on a rich, moist soil. In color, a rich, dark golden yellow. This variety has smooth skin, is very evenly scalloped and uniform in growth. Of the

regular bush form, immensely productive and of fine quality. Pack-  
et, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**424 Early Yellow Bush** Identical with Early White Bush except in color, which is bright golden yellow. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**421 Yellow Summer Crookneck** Old, well-known crookneck variety for home and market gardens. Fruits small, of bright orange yellow color and covered with warty excrescences. It makes an excellent shipper, is fine grained and of good quality, especially desirable for its rich, buttery flavor. We consider this the best Squash. The sweet buttery flavor and prolificacy beats them all. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**426 Giant Summer Crookneck** This extra large variety contains all Crookneck qualities and giving nearly double the size of the Yellow Summer Crookneck. For nearby markets and home gardens it is especially desirable. It is rather large to ship, but you can sometimes double the yield over other sorts. It is not uniform in shape and color. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**423 Giant Yellow Straight Neck** Crookneck Squashes have been the standard for many years. With their mellow, buttery flavor, it is quite natural that they have been shipped to market as well. But, they are brittle, easy to break and hard to pack or crate. We now offer a straight necked variety. The curved neck has simply been straightened. The ideal is somewhat Cucumber-shaped, though the blossom-end is still rather globular and some necks are still slightly curved. Just as fine for home gardens as for shipping. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**419 Zucchini** Something new and worth-while. Similar to Italian Bush Cocozelle except in color but even better in flavor. A summer Marrow Squash, eaten in green stage. Long, huge cucumber shape; dark green in color with very irregular light stripes; vines bushy and extremely prolific. Edible in 60 days, when 5 or 6 inches long. Mature fruits are 12 to 16 inches long, 5 to 6 inches wide and weigh 4 pounds. Cooked and served like asparagus, it is also delicious. Try it sure. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## RUNNING OR MARROW SQUASH

Distinct from the Bush or Summer Squashes, the vines running 10 to 12 feet long and the Squashes are 6 to 12 pounds in weight. In flavor much richer than the Summer Squashes. For fall and winter use plant in June or July, and after cutting, store in cool, dry place until wanted for use.

**428 Boston Marrow** Most popular running variety. A very productive fall and winter Squash of medium to large size, oval shape (as shown by the illustration), and thin skin. It is generally used for canning and making pies. The fruits when ripe are bright orange with a shading of light cream color. The flesh is of rich salmon yellow color, fine grained and of excellent flavor, and not as dry as the Improved Hubbard. A good keeper and shipper. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**427 Improved Hubbard** Not recommended for general planting in the South but does well in a few localities. One of the best of the winter Squashes where it does well. Vines are vigorous and very productive. The fruits are large, heavy, and moderately warted; they have very hard shells. Skin is dark, bronze green; the flesh is bright orange yellow, fine grained, thick and finely flavored. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.



Marrow and Hubbard Type of Running Squash

# HASTINGS' TOMATOES

Hastings' Tomato seed has a reputation surpassed by that of no other house in this country. It leads all others in the Tomato shipping sections of Florida, Mississippi and Texas. Even in Cuba and Mexico planters prefer the Hastings' seed for shipping crops. Our seed stands the test of time. It's not a case of good one year and poor the next, but it's good all the time. Makes paying crops for the men who grow Tomatoes for shipment in the South; makes paying crops for local market gardeners; it gives all home gardens a bountiful supply of delicious, large sized, smooth Tomatoes all through the summer; it's exactly the seed you want for your use this year, no matter whether you garden for market or for home use. **Hastings' Tomato Seed is the finest tomato seed grown.**

**Culture** Tomatoes vary considerably in time of maturity according to both variety and season. Extra earlies such as Hastings' Extra Early Prolific mature from spring plantings in 85 to 90 days; second earlies such as Redfield Beauty in 95 to 100 days; late sorts like Stone in 110 to 115 days. In the Atlanta latitude start seed in hotbeds or boxes in the house between February 15 and March 1. Give plenty of light and space between the plants or they will be weak and spindling. Scatter seed in bed or box thinly and cover with about  $\frac{1}{2}$  inch of soil. Transplant to open ground as soon as danger of frost is past. Before transplanting, break the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 feet apart each way; give clean cultivation. As plants grow it is best to tie them to stakes and thin out the leaves so the sun can penetrate and ripen the fruit quicker. A second seed planting made in May will make plants that begin to bear in August and continue until frost. One ounce of seed makes about 1,500 good plants. Plant about four ounces of seed per acre.

## HASTINGS' EVERBEARING SCARLET GLOBE

**437** This wonderful new Tomato is the nearest approach to an everbearing type that we have found. As shown in the picture, nearly perfect globe shaped, this is the most uniformly fruited throughout the field of any Tomato we have ever grown. It ripens uniformly to a beautiful rich scarlet right up to the stem, is almost all meat, very thick and heavy. It is of good average size,

exceptionally smooth and free from cracks and other blemishes and many clusters of fruits make it very prolific even late in the season. It is very resistant to wilt or blight and a remarkable all-round, all-purpose, heavy bearing, good looking, delicious Tomato. For home or market, we recommend this as the most satisfactory Tomato we have ever grown. Take our word for it and try it. We feel sure you will be delighted. Packet, 15c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$32.00.

## 463 HASTINGS' BRIMMER TOMATO

The largest of all Tomatoes. Many wonderful claims have been made for Brimmer and it is a wonderful Tomato for home use. It is claimed to be the "Greatest Tomato in the World" with none to compare with it in size, weight, solidity, meatiness and splendid flavor. Vines are vigorous and healthy and bear a tremendous load of fruit right up to frost, the Tomatoes holding their large size to the end of the season. Single Tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is a medium early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish-pink, and make the finest slicing Tomatoes, remarkably free from acidity, which keeps some people from eating Tomatoes. Grow the biggest and best Tomatoes in your neighborhood this year with Hastings' Brimmer. They are delicious. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.  $\frac{1}{4}$  Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$32.00. No Finer Garden Tomato Than Brimmer.

**438 OXHEART TOMATO** This extraordinary new pinkish fruited, main crop Tomato, maturing in about 120 days, has really large, bulging fruits which taper almost to a point. The cell structure is broken so fruits are heavy and very solid; setting in clusters of 3 to 7. Vine growth is open and spreading; yield is quite heavy. There are comparatively few seeds in this solid and beautifully shaped variety. When we first offered Oxheart, we considered it more of a novelty than a main crop Tomato for home gardens. Its very large size and ox-heart shape were so different, but its popularity and satisfaction are making it one of our leading varieties. It's a mighty fine Tomato. Packet, 15c.  $\frac{1}{2}$  Oz., 60c. Oz., \$1.00.  $\frac{1}{4}$  Lb., \$3.00. Lb., \$10.00.

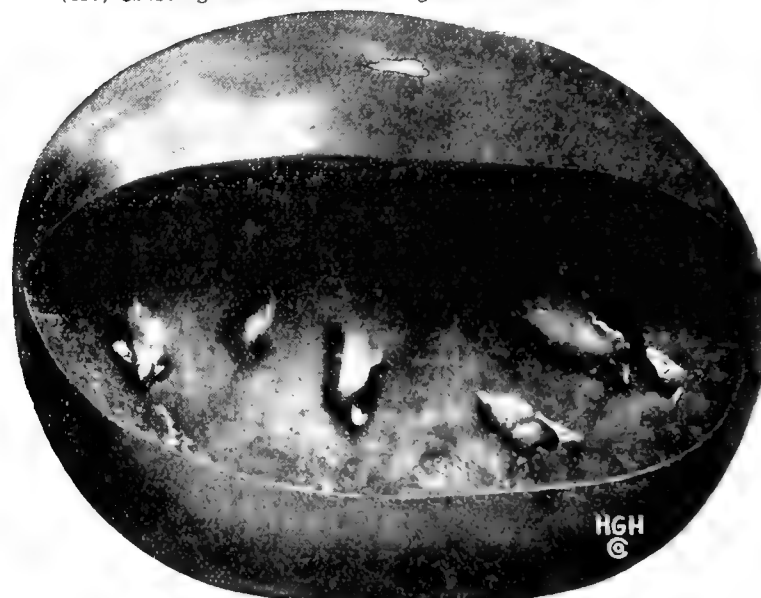
**445 HASTINGS' REDFIELD BEAUTY** A very satisfactory tomato for you to grow. Our Redfield Beauty is the right size, the right earliness, the right shape, the right color, the right bearing qualities, the right shipping and eating qualities: in fact, it's an all right Tomato in every respect. It has been planted since 1895 in Florida, Georgia, Alabama, Mississippi, Louisiana and Texas, and proven its superiority over other famous varieties. Its vigorous growth, heavy and long bearing qualities and its comparative freedom from rotting under the most trying conditions of growth, make it a favorite everywhere. Its color is glossy crimson with a slight tinge of purple. Grows in clusters of three to five fruits and is regular in size and shape. Retains its large size until all are picked. Of perfect shape and unexcelled for toughness of skin and solidity. Especially valuable for market gardeners to ship long distances or carry in wagons over rough roads. The skin does not break easily. For the home garden it is none the less valuable, combining as Hastings' Redfield Beauty does, these desirable qualities. Large packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.25. 5 Lbs., \$20.00. It will pay you to plant Hastings' Redfield Beauty.

## Tomato Seed Headquarters

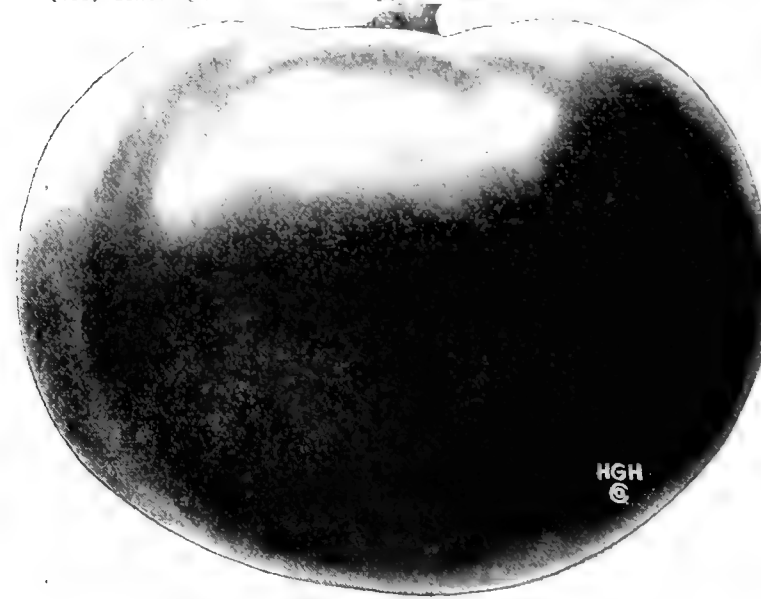
Especially with Tomatoes, it is necessary to plant the best selected seed that money can buy. It pays to get your seed where you can depend on them to produce as fine and as much as your soil and season allow.



(437) Hastings' New Everbearing Scarlet Globe



(463) Hastings' Brimmer—Biggest and Best Large Tomato



(445) Hastings' Redfield Beauty—The All Right Tomato

# HASTINGS' EXTRA EARLY PROLIFIC

**444** Earliest, most prolific, smoothest, and largest size of all the extra early Tomatoes. For the market gardener it insures earliest in market; for the home garden the first ripe Tomatoes in the neighborhood. Vigorous grower and "sets" fruit from the first bloom. It has open foliage, and fruit, 2½ to 3 inches across, colors quickly to a deep, rich red. Very great and valuable is its cluster habit and we have seen as many as 34 good-sized, smooth, ripe Tomatoes on a single plant. Plant this heavy-bearing early Tomato for the first Tomatoes. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$22.50.

**451 Avon Early** Earliest scarlet fruited variety, similar to Earliana, but so superior that it has taken Earliana's place entirely with us. We consider it the best of its class, desirable in shape, more free from cracks and less green at the stem end than other extra early varieties. Vines are vigorous, productive and continue to yield for a longer period than other first earlies. Fruits are large for so early; round or slightly flattened and of fine quality. Grows in clusters of 5 to 8 fruits; a fine Tomato for home garden and local market use. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**460 June Pink** A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight medium size, uniform, smooth and attractively shaped fruits. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an extra early purplish pink tomato and always a delight in the home garden. This is really a very fine variety, beautiful in appearance, and many Southern and Eastern markets are glad to receive it. It is an all-round good kind to plant. Packet, 10c. ½ Oz., 20c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**442 JOHN BAER** Extra early, large scarlet Tomato of real merit. Quality is excellent, flesh is firm, shape is smooth and nearly round. Vines are hardy, exceptionally productive, one of the earliest to ripen its first fruits and continues to make marketable Tomatoes longer than other very early varieties. It has a mild flavor, does not burst its fruits when dead ripe, has a tough skin which is easily removed and has very few seeds, 6 to 8 bushels of fruit required to make one pound of seed. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**439 Bonny Best** A fine variety for the home garden and early market. Vines are vigorous and produce a good crop of exceptionally round and smooth deep fruits in clusters in middle of plant. A week earlier than Early Jewel and superior to it. Bright red in color and of good quality. Crop ripens more uniformly than other early scarlets and fruit is of superior solidity and interior color. Very desirable for gardeners whose trade demands beautiful shape and color. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**441 HASTINGS' Improved PURPLE ACME** A big improvement over the old Acme, which was so popular everywhere. It is early, almost round and has a thin but very tough skin. Our Improved Acme is a very heavy bearer, ripening evenly all over. A lovely purplish pink color, making it especially desirable as a market and shipping variety. It has few seeds, is thick, meaty and solid, smooth, uniform and medium in size. Fruits are generally in clusters of four or five, free from cracks and of fine quality. Desirable for market or home use with its fine color and fine flavor. Packet, 5c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.25. 5 Lbs., \$14.00.

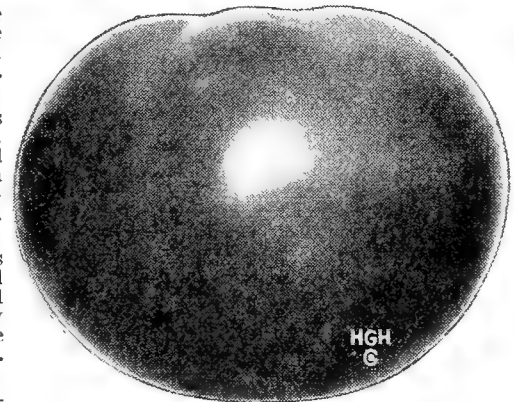
**464 GULF STATE MARKET** This excellent variety was developed in Mississippi and found to be the best shipping Tomato ever grown. Vines are very strong and withstand bad weather; it is resistant to blight. Fruits are almost true globe shaped and free from cracks and blemishes at the blossom end. Fruits in the same cluster ripen uniformly, economical to pick, and color is rich purplish pink right up to the stem after picking. In trials it outyielded in number of fruits and in bulk all other shipping varieties. We offered it in 1924 for the first time and reports from its success have exceeded expectations. It is primarily for growers who ship but its many desirable characteristics make it a wonderful Tomato for local market and the home garden. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**455 RED ROCK TOMATO** Red Rock is beyond question the best large late red Tomato for home use, nearby market or for canning. Red Rock matures in from 110 to 115 days. It is extraordinarily solid—hence the name of Red Rock. Perfectly smooth, has no superior in texture or flavor and is as red as a Tomato can be. It's a red that goes all the way through. The meat is solid without being hard, and is of the finest flavor. Practically no waste Tomatoes in a crop of Red Rock. Pkt., 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.25. 5 Lbs., \$14.00.

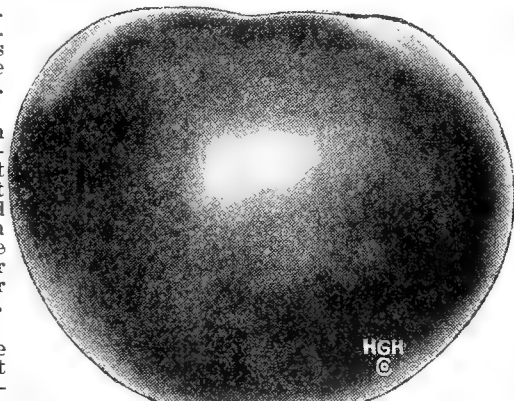
**449 THE STONE** A first-class main crop; extra large, smooth variety of bright red color. Used in some sections for winter shipment, and a standard sort for those who grow Tomatoes for canning. A large, smooth, solid, meaty Tomato for all purposes and a splendid variety to furnish late Tomatoes everywhere. The vines are large, vigorous and very productive of uniform sized fruit of deep oval shape, fine for slicing and canning. Ours is improved over the old type. Pkt., 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.25. 5 Lbs., \$14.00.



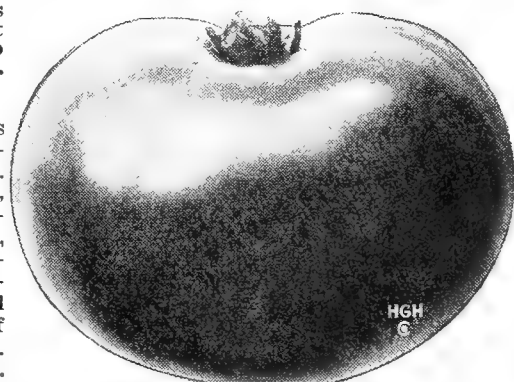
(451) Avon Early—Earliest Scarlet Fruited Tomato



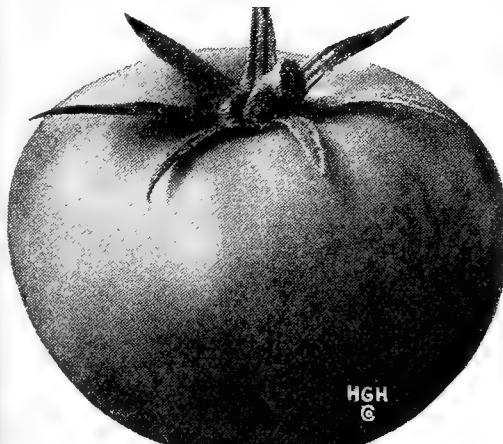
(464) Gulf State Market—Purplish Pink



(455) Hastings' Red Rock—Large, Late



(449) The Stone—Large Flat Scarlet



(439) Bonny Best—Early Scarlet-Red



# HASTINGS' NEW WILT-RESISTANT TOMATOES

Particularly in the South, there is devastating damage to Tomato crops by Fusarium Wilt. Plants die back, discontinue bearing and there is nothing effective to be done about it except to plant Wilt-Resistant varieties. All Tomatoes on this page show remarkable wilt-resistance, the only ones to plant on wilt infested land.

## 457 BREAK O'DAY

### Early Wilt-Resistant

Newest member of the family of wilt-resistant tomatoes particularly valuable because of its earliness. Break O'Day is practically an early Marglobe resembling that splendid variety closely in size, shape, color and solidity. Our trial ground record is as follows: "Plant medium in height, foliage light and rather open letting the sun in to ripen fruits quickly. Fruits medium size, full, round, firm, heavy and of brightest red color. Very prolific and fruits uniform in size in carefully selected stock. Our strain showed up the best and most uniform out of five strains from different seed houses. Very similar to Marglobe in appearance, but follows Avon Early and Earliana closely in maturity."

Break O'Day will not take the place of Marglobe as a main crop variety but where extra earliness with large, smooth, firm fruit is desired this variety stands in a class of its own. Plant a few Break O'Day this season for early. It will both please and pay you well. Packet, 10c. 1/2 Oz., 25c. Oz., 45c. 1/4 Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$20.00.

## 456 LOUISIANA PINK

**WILT RESISTANT**—Developed by the Louisiana Experiment Station from a cross between Acme and Earliana, both popular varieties. Selected for wilt resistance for 10 years before being distributed for general use and claimed to have produced more on Louisiana wilt-infested lands than any other variety. Seems to have retained the good qualities of both parents. Very heavy bearer of smooth, pink, medium sized fruits. Skin is medium thick and flesh is very firm; seed cavity small with few seeds; good flavor. Medium early in ripening and has given every evidence of being a satisfactory variety for market or home use. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

## 447 PRITCHARD OR SCARLET TOPPER

**WILT RESISTANT.** 1932-1933 All-American Selection, Gold Medal Winner. This wonderful Tomato was considered the most important new vegetable in the world and given first place in the selection.

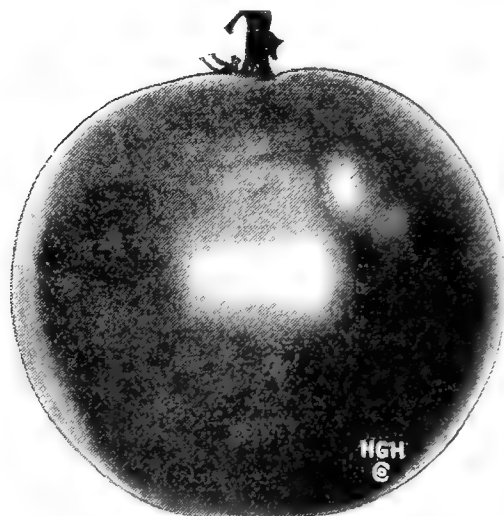
The late Mr. F. T. Pritchard, of the U. S. Dept. of Agriculture has given us some very valuable Tomatoes and did a great work with wilt-resistant crosses and selections. His last achievement, and we believe his greatest, was developed in Scarlet Topper, renamed Pritchard in his honor. Resulting from crossing Marglobe and Cooper's Special, it inherited fine qualities from each parent. Fruits are of good size, exceptionally uniform, smooth, globe-shaped, extremely solid and heavy, with thick walls and of deep scarlet color. It is exceedingly productive, borne in clusters on a strong, medium sized plant, a midseason to late, main crop variety and will doubtless become the leading Tomato for long distance shipping as well as a wilt-resistant favorite for home and market gardens. Packet, 10c. 1/2 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$27.00.

## 462 MARGLOBE

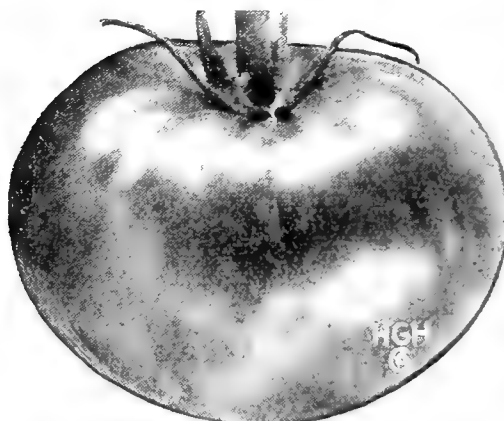
**WILT RESISTANT**—Main crop, scarlet-fruited variety, originated by the U. S. Dept. of Agriculture for wilt resistance. It is also resistant to "nail-head rust" which attacks Tomato fruits. Fruit are of medium sizes, smooth, solid and deep from stem to blossom ends. They are set in clusters of 5 to 7 on vines with medium to heavy growth. Cell structure is irregular. It is a cross between Marvel and Globe and really has retained the best characteristics of each except perhaps it is not quite as solid as Globe. It is a valuable addition for wilt resistance, the popular Globe shape, scarlet color, a good cropper, marketer and shipper. Marglobe simply leaped into popularity for the main crop Tomato in wilt territories as the best all-round variety. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**440 NORDUKE** **WILT RESISTANT**—This wilt resisting variety was developed by the U. S. Dept. of Agriculture to combat the wilt, which caused a yearly loss of over 100,000 tons of Tomatoes in the South. A wilt resisting strain of "The Stone" Tomato was developed and called "Norton." This was crossed with "Duke of York," a resistant variety, and from this cross was selected and developed "Norduke" Tomato, a fine wilt resisting garden variety. Medium early; large, smooth red fruits; heavy bearer. This is not a tough variety so will not stand distance shipping but is a fine wilt resisting kind for local markets and home garden use. Since this is a better so-called "Blight Proof" or wilt resistant variety, we dropped "Duke of York," which was crossed with "Norton" to obtain Norduke. If you are in wilt infested territory be sure to plant Norduke this year for garden or nearby market. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**458 NORTON** **WILT RESISTANT**—A main crop, scarlet-fruited variety. Norton is very similar to The Stone. In fact it was a selection for wilt resistance from The Stone by the U. S. Department of Agriculture. Fruit are of medium size, smooth and solid. Norton is a heavy bearing variety and gives a good crop. The vines make a medium to heavy growth. It is one of the best long distance shippers and is a large seller among the wilt resistant varieties. You should grow some Nortons if you are in wilt territory and expect to ship or market Tomatoes. It is an entirely worth-while variety. Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.



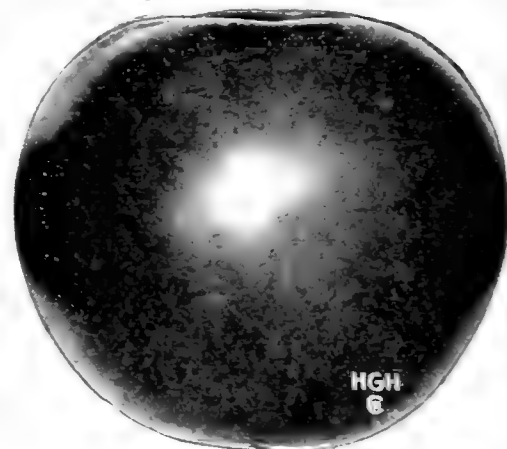
(457) Break O'Day—Earliest Scarlet



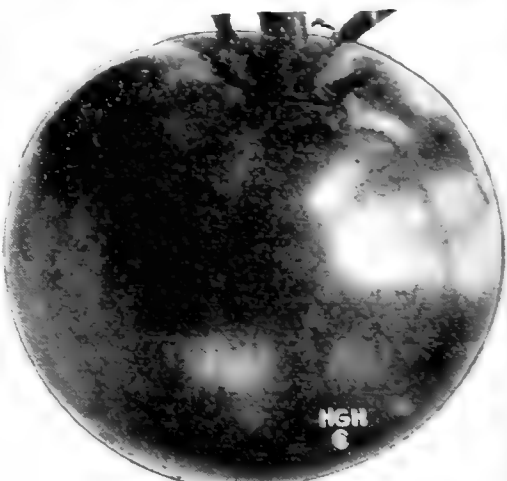
(456) Louisiana Pink—Early Pink



(447) Pritchard—Scarlet Topper



(447) Pritchard—All-American Gold Medal



(462) Marglobe—Standard Wilt Resistant

**452 HASTINGS' DWARF CHAMPION TOMATO**

Our special strain of Dwarf Champion is the only first-class Tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruits off the ground. Growth stiff, upright and compact; second early; fruits medium size, of purplish pink color; regular in size and shape and very smooth skin; one of our most popular varieties. We consider our seed crops of Dwarf Champion the most uniform and beautiful fields of Tomatoes ever grown. This is a thoroughly satisfactory Tomato. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$20.00.

**446 Livingston Globe**

A most popular Tomato with Florida shippers. Our seed stock of this variety is grown from Livingston's original strain and kept absolutely pure. We find it one of the earliest; fruits are smooth and of good size, firm flesh and few seeds. Very productive, fruit being short jointed and clusters of fruits form at each joint. Fruits are of right size and shape to pack well for shipment. Color of skin purplish red, about the same shade as our Redfield Beauty. Seen both in our own crops and by observation of market gardens is that almost all come true globe shaped, certainly thicker than almost any other variety. Being thick, many slices may be made and with its good color and a few seeds it is a fine Tomato. Packet, 5c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$16.00.

**448 GREATER BALTIMORE**

Mid-season variety of great merit. Red in color, very heavy, due to extreme firmness and very thick meat. The fruit ripens evenly and is free from ridges and cracks, making it one of the best canning Tomatoes in existence. Many claim that it is the best of all for canning. It is dependable, producing crops under bad weather and soil conditions where many would fail, and is one of the biggest croppers, even outyielding Stone, to which it is similar. This is a variety we are compelled to carry because our trade demands it. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$14.00.

**443 Ponderosa**

Exceptionally large in size. It must have rich soil to be a success, but fruits are very large, purplish pink in color, solid, meaty, and very sweet. Our selected strain of Ponderosa, while not nearly so fine a Tomato as Hastings' Brimmer, is less rough and ribbed than the ordinary Ponderosa and is quite popular. Our strain has only a few seeds, over ten bushels of fruit being required to obtain one pound of seed. It makes fine large slices and is a very good variety. Fruits being large and ribbed, are for home use only. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$27.00.

**453 Golden Queen**

Very handsome and the best large smooth yellow Tomato. Meaty, solid, and sweet, with bright golden-yellow color. This is a much better variety than Golden Ponderosa. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$22.50.

**454 Red Pear Shaped**

Small odd looking Tomatoes. Very strong growers and very productive. Suitable for preserves and pickling. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**450 Yellow Pear Shaped**

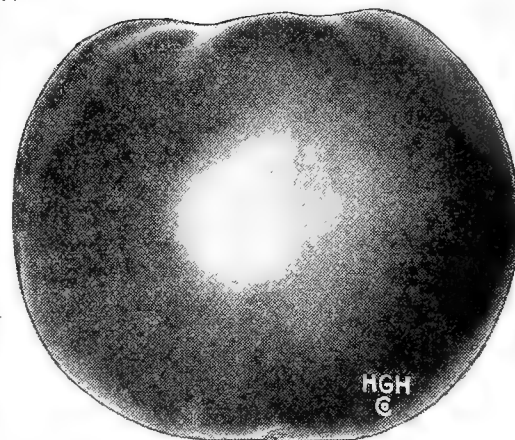
Same as Red Pear Shaped except beautiful golden yellow. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**461 Yellow Plum Tomato**

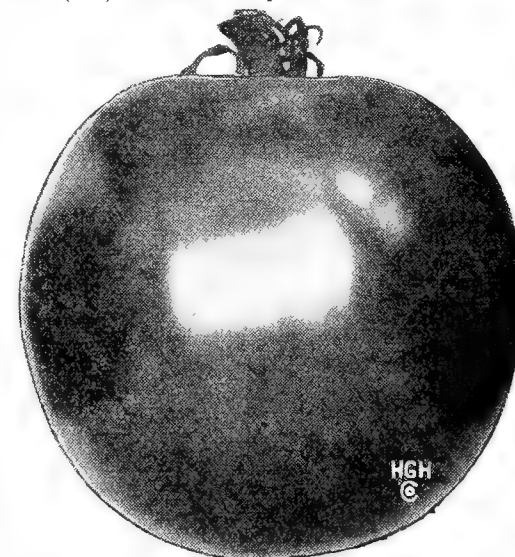
Similar to the Pear Shaped but larger and plum shaped; sweet, meaty and prolific. Girls' Canning Club favorite for preserves. Pkt., 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.



(448) Greater Baltimore—Great Canner



(452) Dwarf Champion—Tree Tomato



(446) Livingston Globe—Standard Cropper

**Hastings' "Best Four" Tomato Collection 25c**

A real bargain for home use, nearby markets and home canning. One liberal packet each of four of our greatest varieties, extra early, medium and late. Hastings' Extra Early Prolific, the earliest; The Stone, popular main crop variety and always a favorite; Marglobe, the great main crop, wilt resistant; Brimmer, late but the best and largest of all extra large tomato varieties. Your tomato crop from one of these superb collections will surprise, please and pay you. At regular prices these four varieties would cost 40 cents. In this collection you get them for 25 cents.

**HASTINGS' TOBACCO**

Southern farmers consume every year several million dollars of smoking and chewing Tobacco. Be sure of having a good supply of pure, unadulterated natural leaf for either smoking or chewing. Most of the Tobacco used is grown in the South. Why not grow yours? A packet of seed will supply almost anyone.

**CULTURE**—Use clean land for Tobacco plant beds. It is customary to burn off a piece of land in the woods. This kills weeds, grass and insects, adds potash fertility from wood ashes and leaves soil in good shape. Sow seeds about February and protect with a plant-bed cloth from Tobacco flies. Transplant after weather is settled, latter May or early June, to well fertilized or manured soil, 3 feet apart in 3½ foot rows. Give constant attention to cultivating, suckering and worming. Tobacco may be sun or flue-cured. One ounce will plant 50 square yards.

**435 Improved Gold Leaf**

The most popular "flue-cured" bright Tobacco in the world. This is for Georgia, Florida, Virginia and the Carolinas, the bright Tobacco belt. Leaves long, broad with pointed tips; spaced on stalks to admit sunlight for uniform ripening and lower leaves are held off the ground. Tip leaves also fill out and cure bright. Gold Leaf is easiest of all to cure into high grade, is more disease resistant and grows well on more different soil types than other varieties. There is no better selected seed grown than our Improved Gold Leaf. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**434 Warne**

One of the best bright flue-cured Tobaccos; well adapted to the bright belt and a wide range of soils. Leaves long, medium broad, pointed tips; of fine texture, good curing qualities and a safe variety to plant. Next to Gold Leaf in popularity. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**436 Sweet Oronoko—For Chewing**

Fine to grow in the South for chewing purposes. Makes, when sun cured, the best natural chewing Tobacco. Leaf medium size with good body and exceptionally fine grain and appearance. Packet, 10c. ½ Oz., 35c. Oz., 60c.

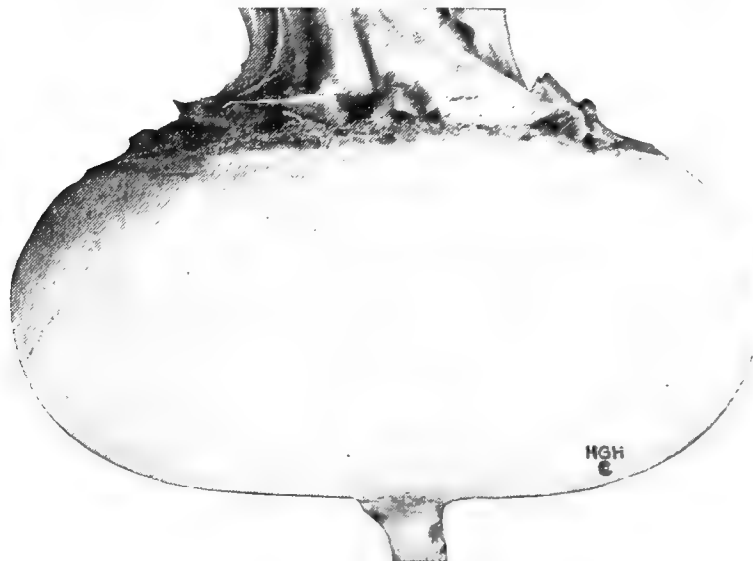


(436) Type of Sweet Oronoko Tobacco for Chewing

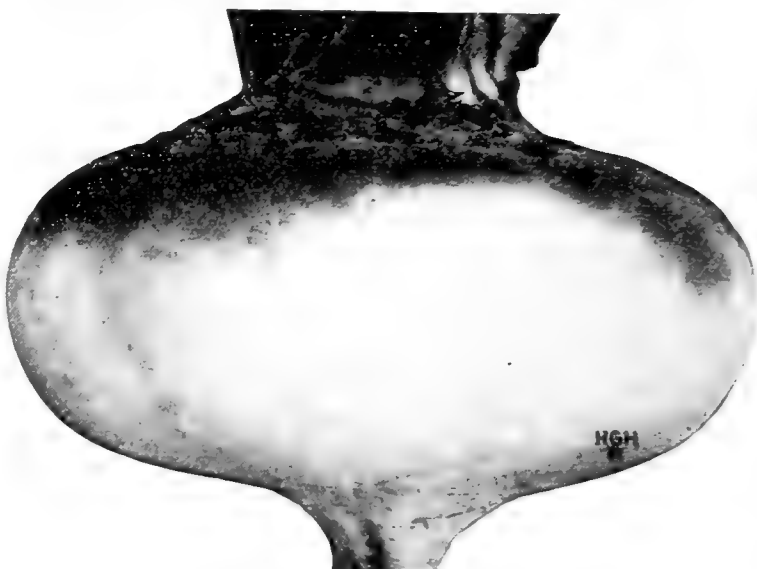
# PLANT A FEW SPRING TURNIPS

**Culture** Spring plantings of turnips are important although the general crop for winter is usually sown late in the summer or fall. The spring sown seed germinate rapidly and turnips are ready for use very early. Being grown under more favorable conditions of temperature than in the fall, they are more tender, sweet and more juicy than those grown in the summer and fall. Sow thinly in drills from January to April, according to locality, covering seed lightly. They make best on new ground

or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted turnips, inferior in quality and with a rank flavor. For fall or winter use sow rutabagas July 15th to September 1st; turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre.



(467) Hastings' Early White Flat Dutch Turnip



(466) Hastings' Early Red or Purple Top Turnip

**467 Early White Flat Dutch** One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine tap root. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**466 Early Red or Purple Top** See the illustration of this variety above on this page. Another popular variety of early flat Turnip, being almost identical with Early White Flat Dutch except for the deep red or purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.



(475) Hastings' Purple Top Globe Turnip

**471 Southern Snow-White Globe** Color pure white, shape round, size large, solid, quick growing for a Turnip, producing great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellow like an apple in keeping. It is productive, hardy, and closely resembles Purple Top Globe. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**474 Golden Ball** A splendid and distinct yellow variety. Fine grained, medium sized, as round as a ball with a clear, deep, orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored yellow variety. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**470 Long White or Cowhorn** Roots long and carrot-shaped, one-third showing above ground. It roots deeply, resisting drought and cold. Flesh pure white, fine-grained, sweet and of excellent table quality. Frequently planted together with Dwarf Essex Rape for stock food. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**475 Purple or Red Top Globe** Our most popular variety. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**476 Extra Early White Egg** Try this Spring Turnip. Finest flavored of all early Turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snow white; solid, fine-grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners sell at top prices. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**465 Extra Early Milan** Earliest of all Turnips. A flat, purple topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfect in shape and color; sweet and fine grained. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.



# HASTINGS' BIG 7 TURNIP COLLECTION 25c

The most popular of all Turnip collections. Hastings' "Big 7" gives each family its chance to have a full supply of early, medium and late Turnips. For 25 cents we will send you, postpaid, one full ounce of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Hastings' Japanese Shogoin, and Seven Top Turnip. Seven ounces of Turnips, all different, of the very best seed for 25 cents. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this spring, what you hold over is perfectly good for next fall's sowing. This collection will give you all the turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip seed. Special—We also offer  $\frac{1}{4}$  Lb. of each, 7 varieties for only 85 cents, Postpaid.

**7 Ounces, 7 Varieties, 25c.  $\frac{1}{4}$  Lb. of Each, 85c**



(477) Hastings' Seven Top or "Salad Turnip" for Greens

**469 Yellow or Amber Globe** Sometimes called Yellow Stone. Undoubtedly the best of the yellow fleshed sorts. Globe shaped, light yellow colored skin and flesh. Fine grained, sweet and a good keeper. A heavy cropper. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

**477 Seven Top** The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it also furnishes "greens" very quickly. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

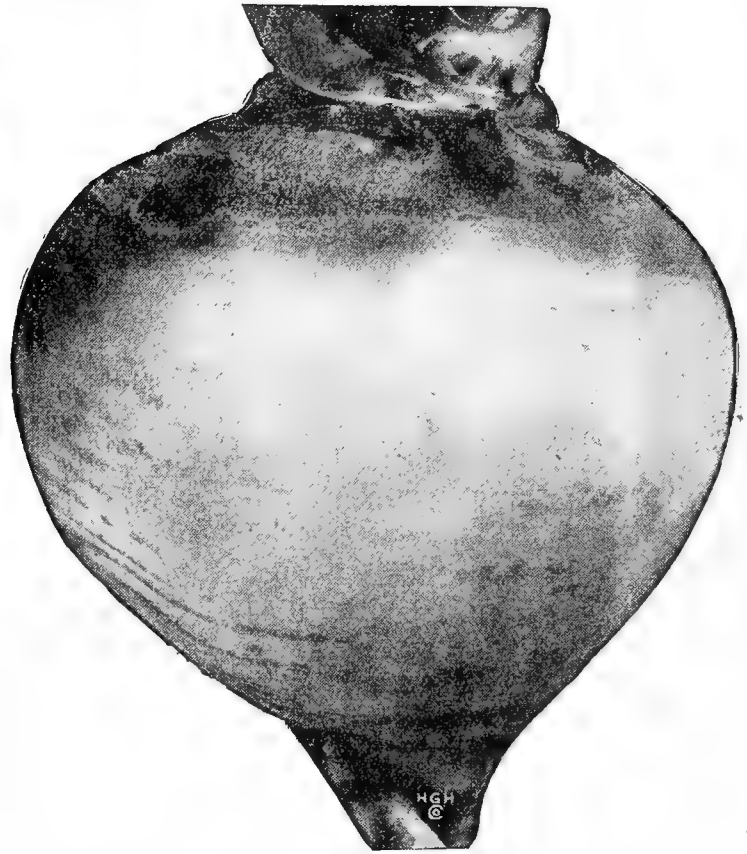
**479 Hastings' Mixed Turnips**

A mixture of all varieties of Turnips and Rutabaga listed by us, giving a variety of Turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

## 478 SHOGOIN—NEW JAPANESE TURNIP

We are glad to recommend this splendid new Turnip. It is the best combination variety for both bulbous root and tops for "greens" that we have yet seen. Furthermore, it is Louse Resistant and it holds its heavy crop of leaves up off the ground. The bulbs or roots are all white, resembling Purple Top Globe in shape except flatter on top; sweeter and milder than other Turnips, of excellent flavor, tender, fine grained and extremely popular with those who have tried it. The tops or leaves are large, thick, juicy, very succulent, tender and of finest mild turnip flavor.

With our first seed crop on the Hastings' Plantation, planted in hottest and driest August, we were impressed with its ability to



(468) Hastings' Improved American Rutabaga—Finest in the World

**468 Hastings' Improved American Rutabaga** Best and heaviest cropper of all Rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1894 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 60c. 5 Lbs., \$2.25. Write for our larger quantity prices.

get a start and withstand the hot, dry weather even by young plants. It likewise stood the cold and washing winter and spring rains and produced a fine crop of seeds. There have been no lice or other insects on our seed crops. Where no insecticide spraying was done on an Atlanta truck farm, our Shogoin Turnip barely showed any signs of louse while Purple Top Globe, planted next to it, was practically eaten up by louse attacks and was a total loss. You will surely want Shogoin if you plant Turnips. Order at least a small quantity for this spring and summer plantings and see for yourself just how fine for all purposes this new Japanese Turnip really is. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$1.75. Write for our larger quantity prices.

# 140 HASTINGS' PROLIFIC CORN

## Hastings' Prolific, Finest in Quality A Wonderful Producer of Grain and Forage—The Prize-Winning Corn of the South for You to Plant

No man in the South of which we know ever got into trouble by having too much corn, the product of his own acres, with too many hogs to finish off on corn.

We have never heard of any man going "broke" on a farm in the South where it was the regular practice to grow enough corn and other grain and feedstuffs to see that farm through until another crop was made.

On the other hand Atlanta and other cities and towns of the South contain tens of thousands of financial wrecks from the farms who went "broke" trying to grow all cotton or nearly all cotton and depending on that cotton to pay store bills for corn and feedstuffs that could have been made on those home acres at from one-third to one-half the merchants' price.

Cotton may or may not go higher. It certainly won't if we plant as near up to "the graveyard" as we have and nature favors a good yield. The price may be high or it may be low but the fellow who is hit is the one that has to pay for corn and other food and grain.

High corn prices hurt and hurt only the man who has corn to buy. The "bears" and an extra large corn and grain year with "tight banking" can pull prices down for a while but he who makes corn enough to see him through and to sell, can sit back at ease in mind and pocket regardless of whether the price be high or low.

The National Hog and Cattle Show at the great Southeastern Fair at Atlanta each fall, the second largest in the world, along with the Boys' Corn Club Show, surely make hundreds of Southern farmers stop to think what they might have done instead of letting the boll weevil eat up their cotton crops the past few years. Those farmers and other up-to-date farmers will plant corn this year as they never did before and they will rotate their crops and build up their land as they never have before.

Labor has been scarce and high and everything the farmer buys in town has been just that high, too. Labor is back cheap again now and the farmer who will make the money on this opportunity will be the one who raises absolutely everything possible that's needed on his place and then sells his cash crop for cash. It's the only safe way.

It's hard to find a farmer in the South who hasn't heard of Hastings' Prolific favorably. They all know it's a corn of fine reputation, not a reputation gained by advertising but a reputation gained by "making good" in every county of every state in the South. It's the top-of-the-list variety no matter whether it be in prize contests or whether it be in the field of the smallest tenant farmer. It is THE Upland Corn to plant anywhere in the South and you can depend on it to make good for you.

## Hastings' Prolific Corn

Now almost everybody knows that Hastings' Prolific holds more high yield per acre records than any other variety planted in the United States, these going all the way up to the 214 bushels and 40 pounds made by Ben Leath, of Walker County, Georgia, and the 214 bushels and 51 pounds made by J. Jones Polk, Jefferson Davis County, Mississippi.

We could fill this entire catalog with Boys' Corn Club prize yield records from every Southern state made during the past ten or fifteen years. We could go into detail showing particulars of how Hastings' Prolific won highest honors in Georgia seven years out of eight, etc.

The host of imitations cropping up each year under the names of Smith's or Jones' or Brown's Prolific, etc., are direct evidence of the popularity and value of Hastings' Prolific, easily and by far the leader of them all.

It has "made good" on the poorer grades of sandy soil as well as the rich river bottoms, on the red clay hills of the Piedmont section of Alabama, Georgia and the Carolinas, on the "black waxy" lands of Texas, and on the Mississippi delta. Hastings' Prolific has a good reputation and deservedly so.

**Description** Hastings' Prolific requires a fairly long season to develop hard corn, 120 to 130 days. Stalk is large, 8 to 12 feet tall, according to soil and season, rooting deeply. Stalk and blades are large and vigorous. Ears of medium size, two or more to the stalk, depending on the distance given and the growing conditions. On good, strong land where the corn has distance of 24 to 30 inches in the row, it often makes 4 to 6 ears to a stalk. The ears are well filled out and weigh from 8 to 12 ounces. The grains are deep, white and hard. The cob is small. Seventy pounds of ear corn will usually shell out 61 to 63 pounds of grain. Shuck is heavy and covers the ear tightly, keeping out birds and insects and preventing loss in late, wet seasons, when other corn rots badly on account of storm injury. The best corn for grain production, for roasting ears, for making meal, and for stock feeding.

### BUY YOUR SEED FROM ORIGINAL SOURCE

There is only one safe place to buy Hastings' Prolific and that is from Hastings. It's impossible to keep seed corn pure when grown on small farms. By owning and controlling thousands of acres our corn crops are isolated sufficiently to practically insure purity. Besides, we are constantly at work breeding and field selecting Hastings' Prolific on the Hastings' Plantation, where the seed is grown. Our seed this year is even better and more prolific and productive than that of a few years ago. Send to headquarters and be sure you plant the only true and genuine Hastings' Prolific.

### Prices of Hastings' Prolific, Prize-Winning Seed

Packet, 10 cents. 1 Pound, 30 cents. 2 Pounds, 45 cents. By express or freight, not prepaid—14 Pounds (peck), 90c. 56 Pounds (bushel), \$3.00. 112 Pounds (2 bushels), \$5.75.



# 141 HASTINGS' BIG ROCKDALE CORN

For bottom lands in the Central South, for the black waxy lands of Texas, for the delta lands of Louisiana and Mississippi and any rich or highly fertilized uplands there is no big-eared corn that equals Hastings' Rockdale.

We are mighty well acquainted with Rockdale Corn. It's a Georgia variety and we have grown it and sold it since 1897. It's a thoroughbred, the best of all the big-eared Southern field corns for main crop. Our illustration is a little over half its natural size and shows well the general appearance of the ears. Very flinty for a dent corn, medium early for main crop; cob small and white, with long slightly dented, deep white grains. Occasionally a slightly red cob is found in it, but this is seldom. Ears very large, 10 to 13 inches long, and weigh 1 to 1½ pounds each. One Texas grower reported 2½ pound ears. Fine for meal and for an all-round general purpose main crop corn with big ears it's unexcelled. This is the best big-eared corn you can plant. Literally thousands of testimonials, from every section and locality of the South, say with us that it is the very best big-eared Corn. Packet, 10 cents. Pound, 30 cents. 2 Pounds, 45 cents. Not Prepaid—14 Lbs. (peck), 90c. 56 Lbs. (bushel), \$3.00. 112 Lbs. (2 bushels), \$5.75.

**145 Early White Dent** Favorite white variety for early crop in the South. First ready of those producing large ears. One to two ears per stalk; fine for "roasting" ears. Packet, 10c. Pound, 25c. 2 Pounds, 40c. Not Prepaid—14 Pounds (peck), 70c. 56 Pounds (bushel), \$2.25.

**144 Hastings' Improved Golden Dent Corn** Practically all seed of Golden Dent Corn offered in the South either by seedsmen or local merchants is Northern grown and not acclimated, so, seldom makes good in the crop. Ours is different. Our Southern grown seed corn of Improved Golden Dent will please you and make you a sure crop for early use. It has been the standard yellow variety for planting in the South in recent years; a splendid medium early yellow field corn. Large ears, with small red cob and large grains of deep yellow color. A strong grower, standing up against hot dry weather remarkably well for a corn of its class. It matures hard corn for feeding in 110 to 115 days, the grain being rich in feeding value; also good for roasting ears. The Improved Golden Dent is a valuable yellow corn for early planting in the South and you cannot make a mistake in planting it. In the past our Southern farmers have preferred the white corns to plant and raise and white corn has been grown almost exclusively in the South. Many farmers know, however, that all kinds of stock prefer the yellow corn and will leave the white for yellow because of its rich buttery flavor and perhaps because the yellow is easier digested. Agricultural chemists believe they have found a relation between the fat-soluble vitamins (for quick and easy digestion) and the yellow plant pigments, such as found in yellow corn and is not present in white corn. Whether this is true or not remains to be proven, but we know that stock prefers yellow corn in the South as well as North and we should grow some at least for the needs on our own farms, Improved Golden Dent being the very best Southern variety. Packet, 10 cents. Pound, 30 cents. 2 Pounds, 45 cents. Not Prepaid—14 Pounds (peck), 70c. 56 Pounds (bushel), \$2.25.

**142 Hickory King** Has the largest grains, with smallest cob, of any white corn introduced. We have what is known as the Broad Grain Hickory King; a single grain nearly covering a cross-section of the entire cob. It is a strong grower; the stalks take a firm hold on the ground and stand upright, resisting heavy wind storms without blowing down. In good soil each stalk bears 2 to 3 medium sized ears. It yields good crops on light soils and is one of the most productive and profitable white varieties in the South. Ears fill out well and will make more shelled corn to bulk of ears than any other variety. Good for roasting ears to follow Early White Dent; makes a splendid quality of corn meal, and is the right sort for stock feeding, being almost all corn and very little cob. Matures in 115 to 125 days. Packet, 10c. Lb., 30c. 2 Lbs., 45c. Not Prepaid—14 Lbs. (peck), 75c. 56 Lbs. (bushel), \$2.50.

**146 JARVIS GOLDEN PROLIFIC** A real deep golden grained two-ear, main crop field corn. Averaging two ears to the stalk, 14 to 18 rows of good size deep grains on 8-inch ears, this dent corn is a heavy yielder and the closest approach to a yellow prolific variety. Cobs are small, giving a good shell-out, good size stalks are straight and strong. Maturity to dry corn is about 120 days. We have had hundreds of calls for Hastings' Prolific with a yellow grain and we have labored for years to produce it but have so far been unsuccessful. Jarvis Prolific is a heavy yielding type, larger ears and larger grain than Hastings' Prolific. Jarvis' doesn't sucker out and shucks don't twist over end of ear as with Hastings' Prolific. It is as rich colored as Golden Dent and runs very uniform. Packet, 10c. Lb., 30c. 2 Lbs., 45c. Not Prepaid—14 Lbs. (peck), 75c. 56 Lbs. (bushel), \$2.50.

**150 Truckers' Favorite** This very popular variety is an early corn for roasting ears in 65 to 85 days, depending on the seasons and where planted. It is sometimes called a 100-day corn (to maturity) and is a variety for you to grow. It is a white corn, good grain depth, very tender and sweet and makes most desirable roasting ears, but is also a splendid field corn, combining earliness with large, well filled ears. Truckers' Favorite is fine to plant very early or very late, following other early crops. It matures even before Early White Dent and makes delicious meal. One to two large ears are formed to the stalk and the hardness of this variety with its perfectly formed ears about eight inches long make this an exceptionally valuable corn. Packet, 10 cents. Pound, 30 cents. 2 Pounds, 45 cents. Not Prepaid—14 Pounds (peck), \$1.00. 56 Pounds (bushel), \$3.50.

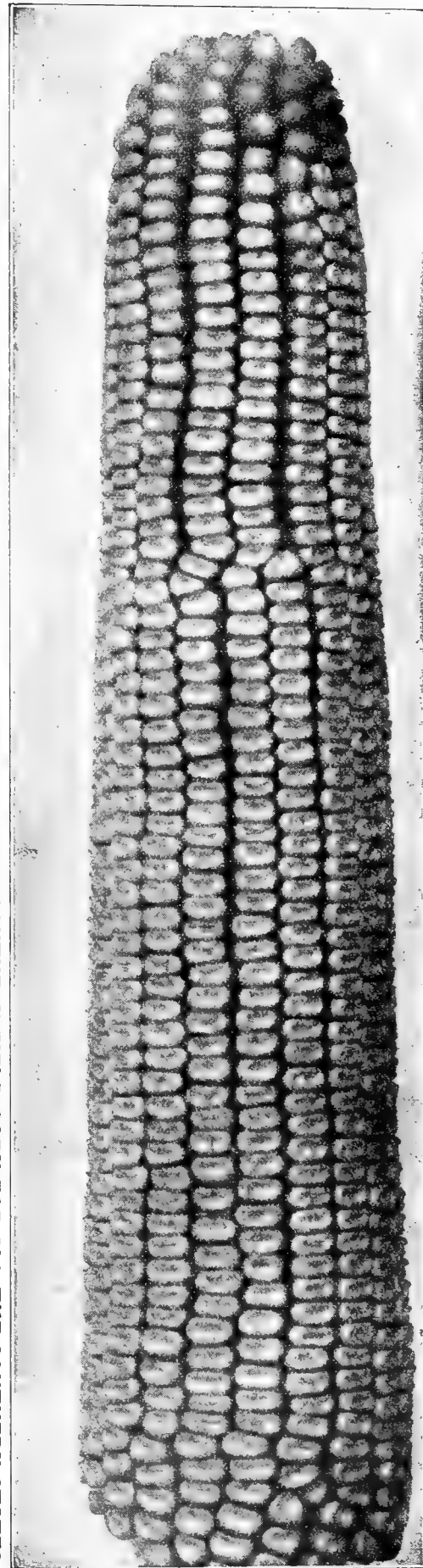
**148 Mexican June Corn** This corn, originally from Mexico, has a distinct place to fill in the Cotton Belt, not as a general crop corn, but one to fill in with on late plantings. It is largely used in the Southwest for planting after oats and wheat. We do not advise (if grain is wanted) planting until June 1st in the Southeast. Between June 15th and July 1st is better. If planted earlier the tendency is to run largely to stalk and making little grain.

Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, red cobs are often found. Ears have mostly white grains, but dark blue and red grains often appear, sometimes only one to three to the ear. This apparent mixture of color is peculiar to many varieties of Mexican corn. Mexican June also makes fine "roasting" ears for use right up to frost.

It is a great drought resister and usually, if there is enough moisture to sprout the seed, a crop is assured. If wanted mostly for forage or ensilage plant in April or May. Early planting makes stalks 12 to 15 feet high, leaves 4 to 6 feet long. Packet, 10 cents. Lb., 30c. 2 Lbs., 45c. Not Prepaid—14 Lbs. (peck), 90c. 56 Lbs. (bushel), \$3.00.

**NOTE**—For Sweet Corn, Pop Corn and Roasting Ear Corn, see Page 23.

HASTINGS' BIG ROCKDALE. OUR STANDARD LARGE-EARED GENERAL CROP SOUTHERN FIELD CORN FOR ALL THE SOUTHERN STATES





# Don't Plant *any* Cotton in 1933! Unless—You Plant the Best

It is foolish to plant varieties that will make only  $\frac{7}{8}$  inch or shorter staple when you can get *pure, pedigreed*, unmixed varieties that will make more cotton and longer cotton and which will bring you *more money*.

## Coker's Pedigreed

Cotton Seed have been principally responsible for a great improvement in the *quality, yield, and price* of the North and South Carolina cotton crops during the past five years. Don't *you* want better cotton and more money?



14 (Count 'em) **BALES**  
Grown On Five Acres  
5970 Lbs. Lint— $1\frac{1}{16}$  Inch Staple  
With Coker-Cleveland 5—Strain 3

Mr. J. O. Taylor (right) Mt. Croghan, S. C., and Mr. Horne, his Farm Manager, atop their prize-winning Coker cotton.

We Again Offer

# COKER'S PEDIGREED COTTON SEED

AS USUAL—THE "BEST OF EVERYTHING THAT GROWS"

## Coker's Pedigreed Farm Relief

Fruits fully a week to ten days ahead of any other cotton we know. Turns out 40% lint under good conditions, makes full inch to  $1\frac{1}{16}$  inch staple, has made a splendid showing wherever it has been planted throughout the entire Southern Cotton Belt. **FARM RELIEF** is the best weevil beater thus far developed because it sets a crop ahead of him. Has big, almost round bolls, is thin foliaged and makes strongest, most uniform lint of any cotton of same staple length.

### DESCRIPTIVE CHARACTERISTICS

"Makes"—Good as the best.  
Staple—1 to  $1\frac{1}{16}$  inch.  
Lint Turnout—38 to 42%.  
Picks—Best of any.

Bolls—Big, 60 to Lb.  
Storm Resistance—Extra Good.  
Stalk—Open, semi-dwarf.  
Season—Week ahead of all.

**Prices** Not Prepaid—30 Lbs. (bu.), \$1.95. 100 Lb. Bag (3  $1\frac{1}{3}$  bu.), \$6.50. 20 Bags (ton), or over, \$6.00 per Bag.

## Coker's Pedigreed Cleweilt—Strain 3

Makes as much lint cotton as any variety that has been tested on the Coker Farms, on either wilt or non-wilt lands and pulls a good inch to  $1\frac{1}{16}$  inch staple. Stands the wilt as well as Cook or Dixie. Brings premium prices over short cottons—it is what the mills want and pay for. This variety will be something for the wilt land farmers of Georgia and Alabama to rave about.

### DESCRIPTIVE CHARACTERISTICS

"Makes"—Fully as good as "Coker 5" and 884.  
Wilt Resistance—As good as Cook or Dixie.  
Staple—An honest inch to  $1\frac{1}{16}$  inch.  
Picks—Much better than Super-Seven. Bolls open up nicely.  
Lint Turnout—37 to 39%.  
Storm Resistance—Best of any wilt cotton offered by Coker.

**Prices** Not Prepaid—30 Lbs. (bu.), \$2.25. 100 Lb. Bag (3  $1\frac{1}{3}$  bu.), \$7.50. 20 Bags (ton), or over, \$7.00 per Bag.

**Important Notes** No Cotton ever bred will stand up 100% on soils heavily infested with both wilt and root knot. The length, percentage of lint and boll size of every variety of cotton will vary under varying conditions of soil fertility and rainfall. Drought or poor conditions will result in shorter staple, reduced yields and smaller bolls no matter what variety is planted.

## Coker's Pedigreed Coker 5—Strain 5

(COKER-CLEVELAND 5—STRAIN 5)

Is the best cotton that has ever been bred from Cleveland Big Boll and the best of the "Coker 5's". None better for clay soils and Piedmont planting. Stands crowding, bad weather and makes cotton. High lint turnout, good  $1\frac{1}{16}$  inch staple, very uniform, storm resistant and gins nicely, and brings premium prices. A good seed patch cotton.

### DESCRIPTIVE CHARACTERISTICS

Staple— $1\frac{1}{16}$  to  $1\frac{3}{32}$  inch.  
Lint Turnout—37 to 41%.  
Season—Medium early.  
Stalk—Medium, fairly open.

Storm Resistance—Good.  
Yield—Best of all.  
Bolls—64 to 66 to lb.  
Uniformity—Splendid.

**Prices** Not Prepaid—30 Lbs. (bu.), \$1.35. 100 Lb. Bag (3  $1\frac{1}{3}$  bu.), \$4.50. 20 Bags (ton), or over, \$4.00 per Bag.

## Coker's Pedigreed Coker 5—Strain 3

(COKER-CLEVELAND 5—STRAIN 3)

Made 14 bales on 5 acres (5970 Lbs. lint) with average staple of  $1\frac{1}{16}$  inch in 1931 S. C. 5-Acre Contest. Created sensation on Hastings' Plantation in 1931, winning the Georgia Large Farm Contest. It really "makes" cotton and cotton with a good inch and better staple.

### DESCRIPTIVE CHARACTERISTICS

Staple— $1\frac{1}{32}$  to  $1\frac{1}{16}$  inch.  
Lint Turnout—37 to 40%.  
Production—See picture above.

Storm Resistance—Good.  
Picks—Easy.  
Bolls—64 to 66 per Lb., ovate.

**Prices** Not Prepaid—30 Lbs. (bu.), \$1.15. 100 Lb. Bag (3  $1\frac{1}{3}$  bu.), \$3.75. 20 Bags (ton), or over, \$3.50 per Bag.

## Coker's Pedigreed Cleweilt—Strain 1

A low priced, high producing, wilt resistant Coker-CLEVELAND cotton with full inch and better staple.

**Prices** Not Prepaid—30 Lbs. (bu.), 85c. 100 Lb. Bag (3  $1\frac{1}{3}$  bu.), \$2.75. 20 Bags (ton), or over, \$2.50 per Bag.

## Texas and Oklahoma Notice

Due to stringent State Quarantines, making it impractical to ship Cotton Seed legally into these States, we shall not accept Cotton Seed orders for Texas and Oklahoma.

## 4 JERUSALEM ARTICHOKE

**For Hogs ALSO FINE FOR TABLE USE**—The Southern farmer who grows hogs and does not grow Jerusalem Artichokes is neglecting a most important hog-food crop. It is a most valuable food for hogs, fattening them quickly, and it is said by many hog raisers that a hog fed on artichokes has never been known to have cholera. They are fully adapted to Southern plantings, growing and increasing through the entire season. They are grown from tubers, the same as Irish potatoes. It requires 300 pounds to plant an acre. On very rich land they have produced nearly 1,000 bushels per acre. Turn the hogs into the field and they will harvest them. Plant in March and April in rows 3 feet apart, dropping seed every 2 feet in the row. Let grow until fall. Hogs will be delighted to harvest them all through the winter. Pound, post-paid, 25 cents. 5 Pounds, \$1.00. Write for large quantity prices when ready to buy. Not Prepaid—10 Pounds, 75 cents. 50-Pound lots (bushel), about \$3.00. Write for quantity prices.

## 610 HASTINGS' MUNG BEANS

### THEY BEAT THE MEXICAN BEAN BEETLE

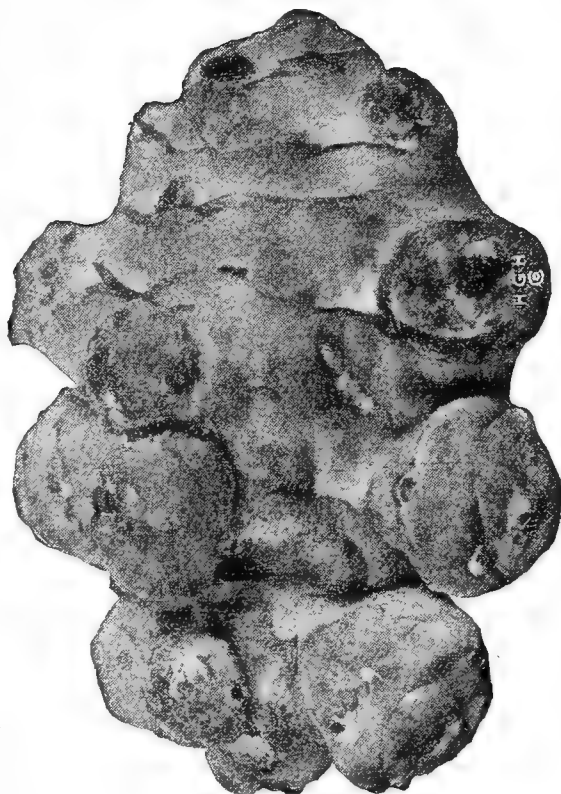
Mung Beans help your land. The roots are crowded with nitrogen gathering nodules and it's a great crop to turn under for soil improvement. For hay, plants grow erect and bushy, not lodging except on rich bottom land. 3-5 ft. high, easily cut and cured, stock eats it clean with less waste than peavine hay. You can gather the seeds when ripe and plants hold their leaves for 2 weeks after seed matures, a big advantage over Cowpeas. The beans are good to eat, make the finest chicken feed, you will want some for replanting and to sell your neighbors. Yield runs from 500 to 1,000 pounds per acre.

Mung Beans will get a stand even under conditions impossible for Soy Beans and Cowpeas. Plant 3 to 5 pounds per acre in  $3\frac{1}{2}$  ft. rows, dropping seeds the same distance apart as Speckled Peas. Broadcast 10 to 15 pounds acre. For hay or turning under, plant in May in middle South. Later planting to early July, makes smaller plants but heavier seeding. Matures in 90 to 120 days, depending on time planted. Mung Beans do well on sandy to heavy clay soil that will grow any kind of grain crop.

Seed is saved by hand though a Soy Bean gatherer will do. Beans grow mostly at top of plants and are ready to pick when most of the pods are dark brown or black. Seed shatter out if left too long. A man can pick as many pounds in the pod as he can cotton per day. You can get a Mung Bean crop off in time to plant fall grains on the same land. We have grown crops of Mung Beans, picked the seed, cut and cured the hay, harrowed the land and Oats planted by October 6th.

The Mexican Bean Beetle eats most everything, especially beans and peas, except Hastings' Mung Beans. The Bean Beetle leaves Hastings' Mung Beans alone.

**Prices** Packet, 10c. Lb. (over 15,000 seeds), 30c. 4 Lbs. (to plant one acre), \$1.00. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs. or over, about 12c per Lb. Write for our best quantity prices when ready to buy.



(4) Tuber of Jerusalem Artichoke

## SOY-SOJA BEAN

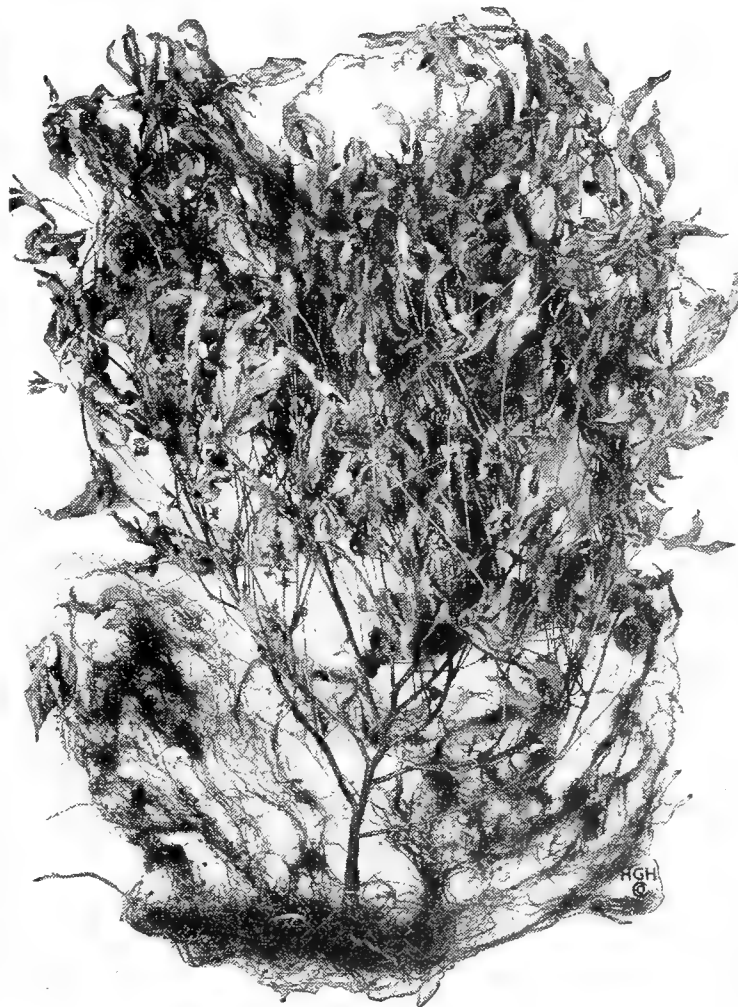
Soy or Soja Beans grow splendidly anywhere in the South. They are equal to or superior to Cowpeas as a soil improver. When grown in rows and cultivated, the Mammoth Yellow makes heavier seed yields per acre and is superior to Cowpeas in feeding value. It is most nutritious and contains more fattening qualities than any other crop. All the kinds we carry make good pasturage for all kinds of stock, perhaps the most profitable being for hogs. Plant Soja Beans at the time you would plant corn. Broadcast Mammoth Yellows, like Cowpeas, 60 to 90 pounds per acre, or plant about 30 pounds per acre in  $3\frac{1}{2}$  to 4 foot drills. Cut for hay when pods are well formed, or let the beans mature if wanted for seed. They make a good main crop.

**600 Mammoth Yellow Soja Bean** There are many varieties of the Japanese Soja Bean, but the Mammoth Yellow is the best, the strongest grower and heaviest yielder of seeds in the South. Packet, 10c. Pound, 25c. 2 Pounds, 45c. Not Prepaid—10 Lbs. or over, about 7c per pound. Write for quantity prices.

**603 Laredo Soja Bean** Trials and crops on the Hastings' Plantation show this bean to be equal in every way to O-Too-Tan and in addition will mature in 100 to 120 days. Planted in late May and up to June 10th, they were ready for cutting in late September and planted June 22nd, were ready for cutting October 15th on the Hastings' Plantation. On account of earliness alone, Laredo will take the place of O-Too-Tan for the northern half of the cotton belt. It is similar to O-Too-Tan except the seed is somewhat flattened and it will mature seed while O-Too-Tan is likely to be ruined by early frosts. Also, the Laredo will get a stand quicker and better than O-Too-Tan and other small seeded Soja Beans. It is the Soja Bean to plant for hay and soil improving; it gets a stand and it matures seed. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lbs. or over, about 8c per Lb. Write for prices when ready to buy.

**601 O-Too-Tan Soja Bean** This Hawaiian Soja Bean for the South, is a soil improver and hay crop. We have watched this crop on the Hastings' Plantation with great interest. It's a wonder for putting on nitrogen nodules, from the time the second pair of leaves is formed until frost, and the root system full of soil bacteria will make a network through the middles of the rows as well as in the rows to enrich your land. The heavy leaf growth is equal in feeding value to alfalfa and all kinds of stock are fond of it.

It has made six tons of dry hay per acre in three-foot rows, dropping seed 8 to 10 inches apart. For a bean crop, drop seeds 10 to 12 inches apart, where it makes 20 to 40 bushels per acre. It is of bush form and will not climb. 3 pounds of seed will plant an acre in corn; use 5 to 6 pounds per acre in 3-foot rows. Packet, 10c. Lb., 30c. 2 Lbs., 55c. Not Prepaid—10 Lb. lots, about 10c per Lb. Write for prices.



(601) Single Plant of O-Too-Tan Soja Bean

# Plant Extra Early Velvet Beans in Corn



(578) Type of Hastings' Valencia Peanuts

Every acre of upland or second bottom corn in the Cotton Belt ought to be planted in Velvet Beans at rate of about one peck (15 lbs.) per acre. This plan means more forage than cowpeas will make, plus six to ten bushels of beans, without decreasing the usual yield of corn. We do not advise planting in bottom land corn. The growth would be so heavy as to break down the corn.

South of Macon, Georgia; Montgomery, Alabama, and Jackson, Mississippi, plant the beans between the stalks of corn (2 beans to each place) about one month after corn planting. North of that line plant at the same time with the corn.

**605 Extra Early Velvet Bean** The Extra Early Velvet grown in Middle Georgia matures seed perfectly in four months. It has the strong growing characteristics of the old variety, crop of which turned under was estimated to do the land more good than a ton of average guano per acre. Extra Early Velvet is the one best variety for the middle and northern section of the Cotton Belt, gathering nitrogen from the air like cowpeas, making two or three times as much growth and pods and adding a supply of vegetable matter to your soil which will show for years to come in your crops. Plant in rows 4 to 5 feet apart, dropping 2 seeds every 12 to 15 inches. Cultivate once or twice and then let them alone. They will take care of themselves and everything else on the land. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Write for our best prices. Market prices change frequently so let us quote our closest prices when you are ready to buy.

## Plant Plenty of Peanuts

The Peanut as a real crop has come to the Cotton Belt to stay. If you fail to plant Peanuts plentifully it's your loss. The Spanish Peanut is early and a heavy bearer. In Florida and along the Gulf Coast where it can be planted as early as April and as late as July 15th, two crops can be made. Plant from 1 to 2 bushels per acre, the Spanish or bush sorts thicker than the Valencia Peanuts.

Just a word. You may desire some of the Improved Valencia such as are offered below. You may not feel able to pay the price for quantity sufficient for your acreage. Send in your order for one or three pounds or more, plant in well prepared ground and grow your seed for large acreage next year.

**578 Valencia Peanut** There is a constantly growing demand for a Peanut adapted to our section and yet larger in size with a greater number of nuts or kernels than in the generality of varieties planted in the South. The Valencia coming originally from Spain fills the requirements exactly and has proven through several years' test its full adaptability to our growing conditions. A most productive and desirable variety, a distinct improvement in appearance over any variety in general use. Pods are large, close and well filled containing 3 to 4 nuts or kernels with red skins in each pod. Of very mild, sweet, enjoyable flavor. Their handsome appearance makes storekeepers, or any one wanting them for ordinary commercial purposes, buy them on sight.

Home Grown Seed—Lb., 35c. 3 Lbs., 90c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs. or over, about 12c per Lb.

**581 Spanish Peanut** For a long time has been the best variety for a forage and fattening crop in the South. An early, heavy bearer; bushes growing close, so, very easily cultivated. Grains or nuts are smaller, skins of creamy white color, much sweeter and finer flavored and much more free from "pops" than the larger sorts. Best cleaned seed stock. Lb., 30c. 4 Lbs., \$1.00. Write for quantity prices. Not Prepaid—10 Lb. lots, about 10c per Lb. 100 Lbs. or over, about 8c per Lb.

# FOR LAND'S SAKE PLANT COWPEAS

There are millions of acres in the South that can and should be planted in Cowpeas every summer instead of lying idle or working half-time. Plant from last frost up to August first. They are fine to follow small grains and to plant between corn rows at "laying by" time. We need cowpeas for hay and forage but especially do we need them turned under to improve the land. You cannot produce more than your land will allow, no matter how good the seeds or how much cultivation you give the crop. Cowpeas will fit into any proper system of rotation or good farming.

For your land's sake plant plenty of cowpeas this year. They will help the land and furnish plenty of roughage and grain for cattle and hogs. Growing Cowpeas is almost like putting money to your credit in the bank. Soil Bacteria Cultures are on Page 123. If in Wilt Infested Territory or cannot grow Cowpeas because of Bean Beetles, plant Mung Beans. Garden or English Peas are described on Pages 42-43.

## SUGAR CROWDER PEAS--TABLE USE

**333** One of the earliest to mature and one of the most prolific and best flavored table peas. Excellent also to use for forage crop and soil-improver with its large growth of vines. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Not Prepaid—10 Lbs. or over, about 7c per Lb. Write for our closest quantity prices.

**340 Large Black-eye** The standard large black-eye table peas. Good either as "snaps" or shelled. Peas are large, vines tall and the most prolific black-eye variety. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Not Prepaid—10 Lbs. or over, about 8c per Lb. Write for our closest quantity prices when ready to buy. See Page 43.

**341 Lady Peas** Smallest and sweetest flavored so-called field peas for table use. Packet, 10c. Lb., 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs. or over, about 10c per Lb. Write for our best quantity prices when ready to buy.

## COW PEAS FOR FIELD PLANTING

Below are the standard varieties of Cow Peas. The market on Cow Peas is constantly changing so to obtain the best price write for special quotation when ready to buy.

**345 Clay Peas** The Clay has long been a standard cowpea in the South. Medium late variety of running habit and vigorous growth of vine, giving a good forage crop. The leaves do not shed as many varieties do in curing and the pods ripen very uniformly. Packet, 10c. Lb., 25c. 2 Lbs. (a little over one quart), 45c. Write for quantity prices.

**336 Brabham** One of the best and most productive in growth and yield of shelled peas. Upright in growth and retains foliage exceptionally well in curing. Resists disease and is very vigorous and productive. Does best on light soils. Packet, 10c. Lb., 25c. 2 Lbs. (a little over one quart), 45c. Write for quantity prices.

**343 Whippoorwill** The standard early bush variety for planting broadcast after oats or other grain crops and in the middles between corn rows. This variety can be grown further north than other sorts. Seeds, brown speckled and rather small. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Write for quantity prices.

**337 Iron Peas** Medium early, vigorous grower, prolific bearer of seeds smaller than the average Cowpea. It makes very fine hay and is never affected by rust, which makes it especially desirable for some sections. The dark green leaves hold on the plant a long time. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Write for quantity prices.

**338 Mixed Cowpeas** Most planters prefer a mixture of Cowpeas because they grow off better and thicker, making a better crop of vines and forage than single varieties alone. For soil improving purposes there is a real advantage in planting mixed Cowpeas. Packet, 10c. Lb., 25c. 2 Lbs., 45c. Write for quantity prices.



## 400 DWARF ESSEX RAPE

For spring, fall or winter planting for quick green forage or grazing for hogs and poultry, there is nothing equal to Dwarf Essex Rape. While most largely planted in fall and early winter, one or two plantings in the spring should not be passed by. It makes a quick succulent growth that will be liked by all two and four-legged animals on the place. If once used on the table as a substitute for "turnip greens" you will be far more anxious to have a "rape patch" than a "turnip green patch."

The tops look like rutabagas and growth is similar yet larger. Rape makes no bulbous roots. Can be planted in rows like turnips, 4 pounds per acre, or broadcasted 8 to 10 pounds per acre, covering by a light harrowing. Ready for grazing in 8 to 10 weeks.

Rape can be sown with fine results any month from August to April. According to soil and season, Rape grows 15 to 30 inches high. It is a splendid green feed and forage crop relished by all kinds of stock but is principally planted for hogs and poultry. It makes an exceptionally fine hog pasture, is also excellent for sheep, all sorts of stock eating it greedily, and it puts and keeps them in fine condition. At one of the Experiment Stations an acre of Rape was used to pasture 20 hogs for three months in connection with a small grain ration at the same time.

It's valuable not only for pasture but green feeding. It can be grown successfully and profitably on any soil that will make a crop of turnips or rutabagas, and in case your turnip greens or spinach patch runs short, you will find a mess of greens from the rape patch a mighty good substitute on your table.

In Georgia alone there are a million more hogs than a few years ago. Poultry is coming forward by leaps and bounds, many farmers with no cotton or cash crop money being mighty thankful

for chicken money and chickens to eat last summer. Hogs and chickens need pasture and Rape pasture is excellent.

Packet, 10 cents.  
Pound, 30 cents. 5  
Lbs., \$1.00. Write for  
quantity prices. Not  
Prepaid—10 Lb. lots,  
9 cents per Lb. 100  
Lbs. or over, about  
7 cents per Lb.



(400) Plant Dwarf Essex Rape for Feeds and Food

## 589 HASTINGS' SYRUP CANE

**Culture** Plant this cane seed on rich land during April or May in drills (4-foot rows) at the rate of 12 to 15 pounds per acre. Cultivate like corn and chop out like cotton, leaving plants about 10 to 12 inches apart in the row. One seed will stool out and produce three to five stalks, 10 to 12 feet tall. It usually produces 30 to 50 bushels of seed per acre and 125 to 200 gallons of syrup per acre, of a fine flavor and always sells well. Cut for making syrup just before the seeds ripen as the plants have more sugar at that time. If you desire to save seed, let the plant mature and cut when fully ripe. Seed heads should be cut and cured in the field. This variety produces an abundance of splendid fodder. Some syrup makers do not pull the fodder, but run stalk and fodder through a cane crusher to save labor. This method causes the syrup to be darker in color than if the fodder is pulled.

**Recommendation** It is our opinion that our introduction, **Hastings' Syrup Cane**, is the best syrup cane that can be grown. It is an All-purpose Sorghum Cane, recommended in the highest for syrup, silage, fodder and seed. Orange, Amber and Red Top Sorghums are not good for syrup making. Hastings' Syrup Cane is somewhat similar to the Texas Seeded Cane, with about three weeks earlier maturity. It is usually advisable to plant some of each for convenience in making syrup more leisurely. Can be depended upon and is a good cane for all its purposes all the way through. Hastings' Syrup Cane is a real syrup maker and we are doing the South a great service in offering dependable seed of this much needed crop. It is a valuable crop for us on the Hastings' Plantation for feed, seed and syrup. It will be for you. Five pounds plants 1/3 acre, a good seed patch.

**Prices** Hastings' Plantation Grown Seed—Pound, 25c. 5 Pounds for \$1.00. Not Prepaid—10 Lb. lots, 10c per pound. 100 Lb. lots, 8c per pound. Order early and be sure of a good start of this dependable Syrup Cane.

**590 Texas Seeded Cane FOR SYRUP**—The standard cane for syrup making in the South. Like Hastings' Syrup Cane, it makes splendid feeding and ensilage. It grows 10 to 12 feet high with a plenty of leaves for fodder and produces heavy tonnage per acre. It makes good syrup of good flavor, a bright amber color and fine syrup yield per acre. Plant and cultivate as for Hastings' Syrup Cane and you will be well pleased. **Hastings' Plantation Grown Seed**—Pound, 25c. 5 Lbs., \$1.00. Not Prepaid—10 Lbs., about 10c per Lb. 100 Lbs. or over, about 8c per Lb. Write for quantity prices when ready to buy.

## SORGHUM or CANE SEED for FORAGE

**Recleaned—Free from Trash and Dirt** Sow alone or mixed with cowpeas. Planted in drill, use 8 to 10 pounds per acre, or about a bushel (50 pounds) broadcasted for forage; if sown broadcast with peas use about 1/2 bushel (25 pounds) with one bushel of peas. It pays to fertilize sorghum heavily, for increased yield.

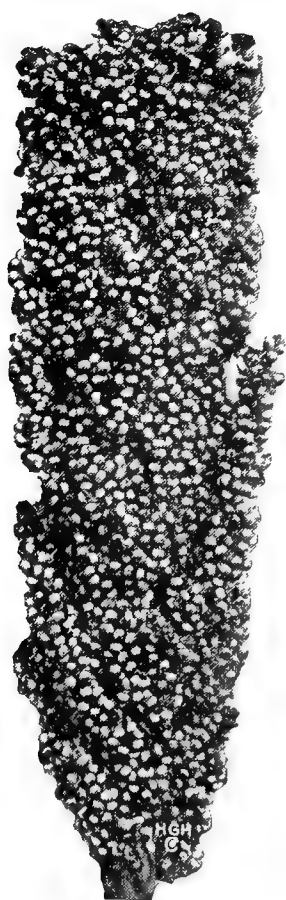
**586 Early Amber Sorghum** Early Southern variety grown almost exclusively for forage crop, either alone or broadcasted with peas. Pound, 25c. 5 Pounds, \$1.00. Quantity prices subject to market changes. Write us for quantity prices when ready to buy. Not Prepaid—10 Lbs. or over, about 7c per Lb. Not good for syrup.

**585 Early Orange** Larger than Amber, maturing ten days later. Pound, 25c. 5 Pounds, \$1.00. Write for quantity prices. Not Prepaid—10 Lbs. or over, about 7c per Lb. Not good for syrup.

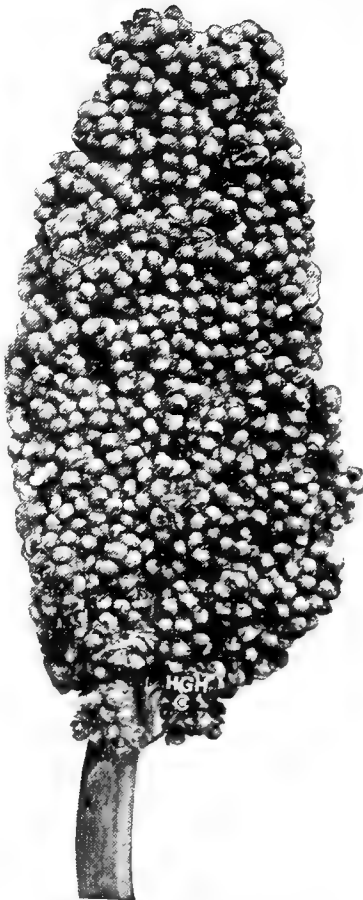
**583 Red Top Sorghum** Later, larger growth and better drought resister than Amber and Orange. Pound, 25c. 5 Pounds, \$1.00. Write for quantity prices. Not Prepaid—10 Lbs., or over, about 7c per Lb. Not good for syrup.



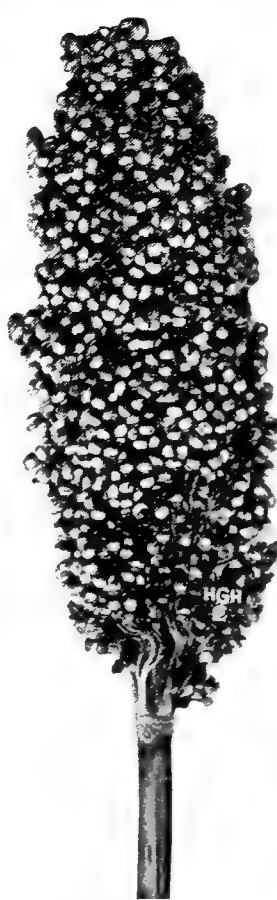
(589) Hastings' Syrup Cane—Dependable Seed



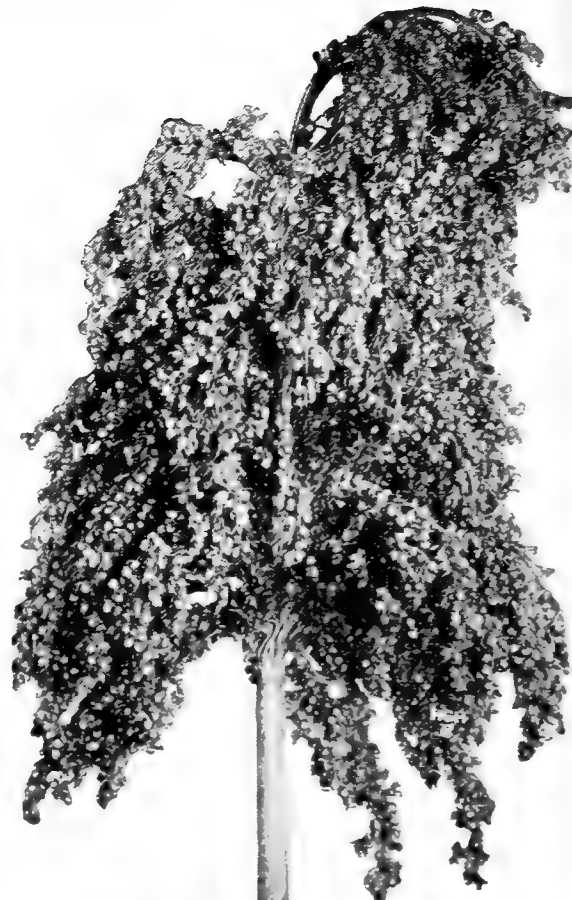
(628) Kaffir Corn Head



(584) Milo-Malze Head



(588) Feterita Head



(630) Hastings' Chicken Corn Seed Head

## FETERITA A DROUGHT BEATER SURE

**588** A fine forage plant for the South, brought from Egypt in 1907. Similar to Kaffir Corn in general habit, but grows a little taller and produces larger heads, standing erect; white seed and early maturity. Its greatest value, however, is its great ability to resist drought. In the extreme heat and drought in the Western States several years ago when corn burned up completely and all the varieties of Sorghum and Kaffir Corn largely failed, Feterita came through practically without damage, making a splendid crop of both grain and forage. Feterita generally grows about five feet high, matures a month or more earlier than Kaffir Corn or Milo Maize, and produces larger heads and more grain. It is a good crop to plant after oats or wheat because it is quick in maturing and its grain feed value is nearly as high as corn. For hog feed cut the grain heads in the "dough" although the seed is larger and softer than Kaffir Corn. Sow in rows like Kaffir Corn at rate of 6 to 8 pounds per acre. Pound, 25c. 5 Pounds, \$1.00. In lots of 10 pounds or over, not prepaid, about 7 cents per pound. Write for quantity prices.

**584 YELLOW MILO-MAIZE** Great producer of fine forage. Grows 8 to 12 feet high, stooling heavily. Can be cut several times during season. Large seed heads give a crop equal to corn. Plant 10 pounds per acre. Pound, 25 cents. 5 Pounds, \$1.00. In 10-pound lots or over, not prepaid, about 7 cents per pound. Write for prices.

**625 BROOM CORN** A fine crop for dry-land farming where there is a market for the straw for brooms. It has practically no feed value as neither the plant nor seeds are suitable for feeding purposes. Pound, 25 cents. 5 Pounds, \$1.00. In 10-pound lots or over, not prepaid, about 7 cents per pound. Write for quantity prices.

## KAFFIR CORN WHITE SEEDED

**628** Kaffir Corn has become more valuable every year because of its drought resisting qualities. Grows 4 to 5 feet high, very stocky and leafy; valuable alike for forage and grain. Plant from March to July, in rows 3 feet apart, drilling seed thinly like sorghum. If wanted for grain, principally, let heads mature on the stalk and then the whole stalk may be cut for fodder after the seed heads have been cut. If wanted for fodder, mainly, cut down the stalks when first seed heads begin to appear, leaving 4 to 5 inches of stubble. From this stubble will spring a second growth, making an excellent crop of forage and a fair crop of grain. Stalks keep green and juicy to the last. For poultry feed and small grain it is unexcelled. Packet, 10 cents. Pound, 25 cents. 5 Pounds, \$1.00. In quantity not prepaid, about 7 cents per pound. Write for our best prices.

## CHICKEN CORN—Shallu

**630 WHITE SEEDED** In our tests, we discovered a "White Seeded" Chicken Corn. It is more valuable than the old Red Seeded and a much surer cropper.

Chicken Corn, Shallu or Egyptian Wheat is a member of the sorghum family with extra large loose, bushy heads, covered thickly with small grains. If left standing, the grains drop off in a scattering manner and the chickens gather it. If grown on a larger scale the large, well-filled heads can be cut at maturity and fed to the poultry as desired. It is best to sow the seed thinly in 3 to 4 ft. rows, leaving 2 or 3 plants to every 3 ft. row. If planted in small patches, it is best to plant near the chicken houses so chickens can range, feeding on the seeds as they fall in the patch.

This White Seeded Chicken Corn, with its ease of growth, sureness of crop, and heavy yields will go a long way towards solving the poultry feed problem. The large leafy stalks can also be cut, as they make excellent feed. It's the cheapest and best chicken feed you can get. Plant 8 pounds per acre in rows 3½ to 4 feet apart. Packet, 10c. Lb., 25c. 5 Lbs., \$1.00. Postpaid. Not Prepaid—10 Lb. lots, about 10c per Lb. 100 Lbs. or over, about 8c per Lb. Write for quantity prices.

**615 JAPANESE BUCKWHEAT** Should be more generally grown in the South for poultry feed. It is well adapted and may be sown in very early spring or late summer, maturing in about two months. It is easily grown, desirable, and profitable for large grain yields, flower food for bees, and turned under it is a good soil improver. Where weeds are thick, buckwheat will smother them and put the soil in good condition for the crops that follow. Buckwheat makes a fine quality of flour, the kind that goes into the famous "Buckwheat Cakes." It's great for poultry feed. Pound, postpaid, 25c. 5 Lbs., \$1.00. Not Prepaid—10 Lb. lots, 8c per Lb. 100 Lbs. or over, about 6c per Lb.

**632 BENE** Tall annual herb, about 3 feet high, producing flowers followed by seed pods which shatter the oily seeds in great profusion. These seeds are relished by poultry and a great use at present is a crop to attract and feed wild birds, especially quail and partridges. The oil from the seed is sweet, and, like olive oil, is used on salads and for other culinary purposes. The parched seeds are used in confectionery. This is one of the finest plants ever grown for poultry feed. Try it this year. Drill seed in rows 3 feet apart, as soon as frost danger is past, at rate of 5 pounds per acre. Packet, 10c. ¼ Lb., 20c. Lb., 50c. Not Prepaid—10 Lbs. or over, about 30c per Lb. Write for larger quantity prices.

# CHUFAS OR EARTH ALMONDS

**617** The Chufa is a species of ground nut, most easily grown, and which ought to be on every Southern farm every year as a hog-fattening crop. Can be planted from April to June; cultivation the same as for bunch peanuts. The crop is usually matured by September 15, and can be left in the ground until time to turn the hogs in, the hogs doing the harvesting.

Chufas are highly recommended by the Experiment Stations of Alabama, Florida, Arkansas and Louisiana. We know of no crop that will produce as heavy crops in proportion to the quality of land as Chufas, yields being about 50 to 100 bushels, though much larger yields can be and are made per acre. Any land suitable for cotton, corn, potatoes or peanuts will make profitable Chufas.

At the Arkansas Experiment Station one-third of an acre of Chufas supported three hogs, averaging 122 pounds each, for 46 days. The gain during the 46 days averaged 66 pounds per hog. In this test Chufas proved practically as good as dry corn for fattening purposes. In the Alabama Station test the yield of Chufas was 172 bushels per acre. Chickens and turkeys as well as hogs are very fond of them.

Make rows  $2\frac{1}{2}$  to 3 feet apart, dropping seed about one foot apart in the row, and covering about 2 inches. Chufas require from 1 to  $1\frac{1}{2}$  pecks per acre. We advise early orders, for almost every year we have to refuse late in the season orders. Most seedsmen and dealers sell only 40 Lbs. of Chufas for a bushel. We give full bushel weights, 44 Lbs. Please remember this in buying. Packet, 10c. Lb., 35c. Not Prepaid—11 Lbs. (peck), about \$1.25. 44 Lbs. (bushel), about \$4.50. Write for best quantity prices when ready to buy. Prices subject to change.

## 619 PEARL OR CATTAIL MILLET

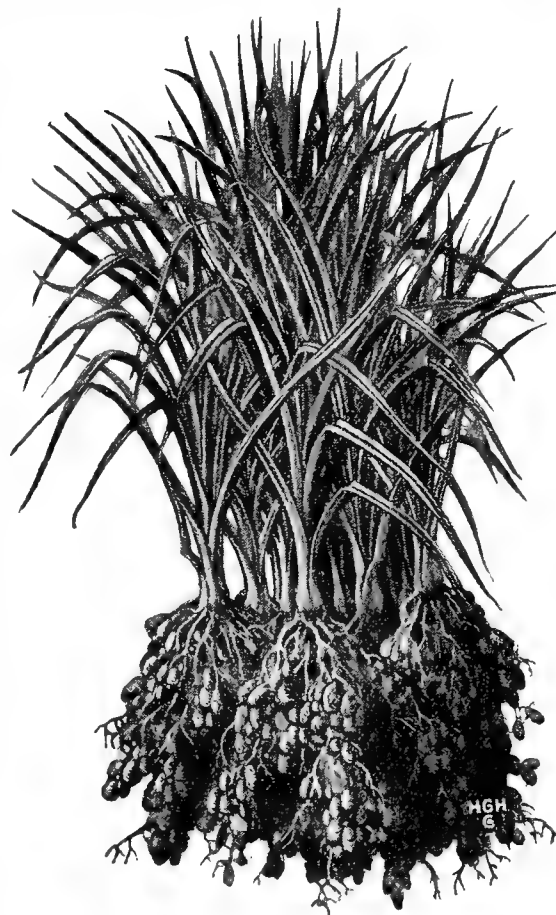
Best known and most valuable of all green forage plants in the South. For the past nine or ten years sensational seedsmen have sold this as a new plant under the name of "Pencillaria" and "Mand's Wonder Forage Plant." Pencillaria or Cattail Millet needs no introduction to any of the older residents of the South. Its great value is well known. Greatest and best yielder of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed. Our illustration on this page shows the heavy growth of Pearl Millet. In actual field tests made some years ago on heavily manured ground it made green forage at the rate of 95 tons per acre in 135 days. No other forage plant has ever come up to that record. A tropical plant making an enormous growth all through our long Southern summer. Relished by all kinds of stock and they eat it greedily. No plant will go further towards solving the forage problem in the South than Pearl Millet. It ought to be grown on your farm. Sow thinly in rows 3 feet apart at the rate of 8 to 10 pounds per acre. Packet, 10c. Lb., 30c. 5 Lbs., \$1.00. Not Prepaid—10 Lb. lots, 12c per Lb. 100 Lbs. or over, about 10c per Lb. Write for our closest quantity prices.

## 618 GOLDEN MILLET—TENNESSEE

(Formerly German Millet)—We have said considerable in the past about the importance of Southern grown seed being necessary for a successful crop of Golden Millet in the South. We give below a reproduction from a photograph of a crop from our Tennessee seed.



(619) Genuine Pearl or Cattail Millet (Pencillaria)



(617) Chufas or Earth Almonds for Hogs

Is it not worth 25c or so more per bushel to sow seed that will make a crop like this? Golden Millet is an important and nutritious hay crop, largely grown throughout the South, relished by horses and cattle. Seed thickly, not less than one bushel per acre, any time from the middle of May through July, but not too early, because it does not grow off nicely until the soil and weather get warm. It matures in from six to eight weeks after seeding. Cut while in bloom, before the seed hardens in the head, as after that the hay quality decreases. There are two necessities for a successful crop of Golden Millet—first, rich or highly manured ground; second, Southern grown seed, that from Tennessee being the best. Pound, postpaid, 25c. Not prepaid—10 Lb. lots, about 7c per Lb. Subject to market change. Write for quantity prices when ready to buy.

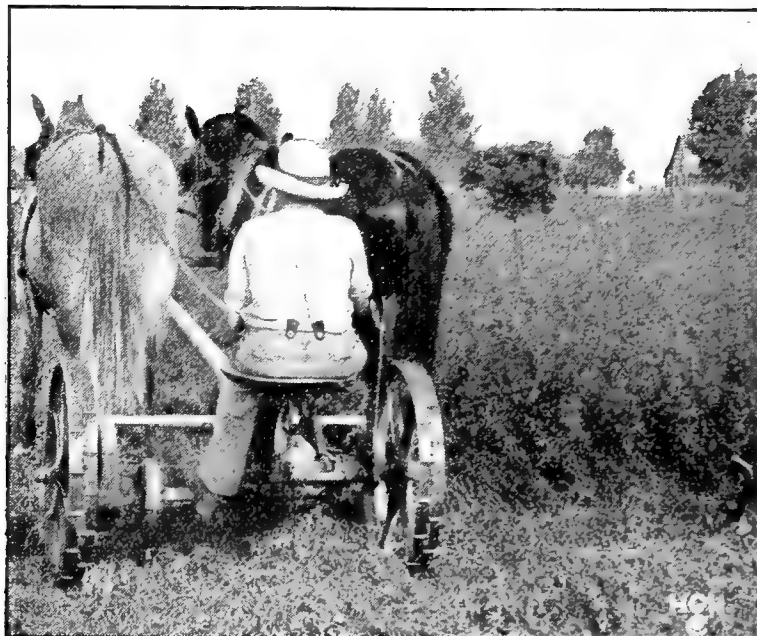
**582 UPLAND RICE** You can grow rice on upland as well as on the flooded lowlands, any ground having a reasonable amount of moisture making fair crops. If you haven't tried rice before, do so this year and see for yourself that it will make 20 to 40 bushels per acre. Pound, postpaid, 30c. 5 Lbs., \$1.00. Not Prepaid—10 Lb. lots, about 8c per Lb. 100 Lbs. or over, about 6c per Lb. Write for prices.

**621 MAMMOTH RUSSIAN SUNFLOWER** Every farm in the South ought to grow Sunflowers for the seed. No farm where poultry is raised can afford to be without them. The yield on fairly good land is immense, 125 bushels per acre being nothing unusual, and as a poultry feed to give rapid growth and fine glossy plumage, there is nothing that equals it. As an egg-producing food, nothing can be better. When we say that a sunflower crop is profitable, we mean the Mammoth Russian, which produces three to four times as much seed as the common varieties. Packet, 10c. Lb., 30c. 5 Lbs., \$1.00. Not Prepaid—10 Lb. lots, about 10c per Lb. 100 Lbs. or over, about 8c per Lb. Write for quantity prices.

**622 TEOSINTE** Mammoth forage plant; undoubtedly one of the most valuable fodder crops, to be used in the green stage, for the South. The yield is simply enormous and can be cut several times through the summer and until frost. Looks somewhat like Indian Corn but wider, longer nutritious leaves and stalk contains a sweet sap. It often grows 12 feet high and has been known to grow at the rate of 5 inches per day, with many shoots produced by each plant. Teosinte is not hardy so is adapted to the lower South and planted after all frost danger is past. Plant about 4 pounds per acre, in 3-foot rows, dropping seeds 4 to 6 inches apart. Those who know and have planted Teosinte are greatly enthused over it and some tell what seem to be fabulous tales about its abundant growth. It's well worth planting in warm climates. Packet, 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 75c. Write for quantity prices when ready to buy.

**Lowest Market Prices** You will save money on your field seeds if you write us for special prices on the quantities you want when you are ready to buy. Especially under present conditions, you need these money-saving and money-making crops. Market prices change frequently.





(500) Alfalfa or Lucerne Clover—Most Valuable Clover Known

**501 Alsike Clover** Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses for hay or pasture and grows well in Northern Cotton Belt. Lb., 40c. Write for prices. Not Prepaid—10 Lbs. or over, about 20c per Lb. 100 Lb. lots, about 18c per Lb.

**505 Japan Clover or Lespedeza** A most valuable Southern clover, growing well on rich or poor soil. On poor land it has a creeping habit; on better quality of land a bush form, making a vigorous plant, 12 to 18 inches high. Sow in spring or fall, about 25 pounds per acre. Harrow in lightly and firm soil, or sow on surface, then scratch surface to prevent seed washing or blowing off. Makes good grazing. Well adapted as green manure by turning under; it enriches the soil and prevents "washing" of hill lands. Its abundant long taproots and laterals decaying make the soil porous and leave in it much valuable nitrogenous matter to be used by the following crops. In Florida sow in the fall for best results. Lb., 35c. Not Prepaid—10 Lb. lots, about 12c per Lb. 100 Lbs. or over, about 10c per Lb. Write for quantity prices.

**506 Korean Lespedeza** This popular new Japanese type Clover is coming into large demand. It is much superior to "Tennessee 76," a strain of common Lespedeza, two weeks earlier and a much better and surer seed producer than "Kobe." Advantages claimed for "Korean Lespedeza" are: It makes the best and prettiest of hay, equal to Alfalfa in analysis and feeding value. Grows 20-24 in. tall and very thick on good land, producing 2 to 3 tons of hay per acre each year and reseeded itself if cut properly, even with closest grazing. It grows readily in acid soil, requiring no lime nor inoculation. It requires no land preparation for sowing; does not cause slobber nor bloat when pastured. Korean makes the best and cheapest midsummer pasture from June through September, is drought resistant and is cut for hay in August when least likely to be lost from wet weather. It may be put in the barn 36 hours after cutting. It permits use of land for small grain crops, increases soil fertility and costs less to get and keep a stand than other important legumes. Sow on small grain from March 1st to April 15th, 12½ pounds per acre. After maturity, disc land for fall grain sowing, obtaining two crops and all-year use of land. Lb., 40c. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs., about 12c per Lb. Write for quantity prices.

**502 PERENNIAL LESPEDEZA SERICEA**—The new permanent Clover for the South and elsewhere. At last the Southeast has a soil building legume to compare with western alfalfa. Lespedeza Sericea was introduced by the U. S. Dept. of Agriculture, an oriental perennial legume which grows on poor land and acid or sour land as well as rich land. After established, it is a great drought resister with an enormous root system. It enriches the soil, lives through the winter, starts growth early in spring and gives at least 3 cuttings a season with as high as 3 tons per acre at one cutting of hay. On the Hastings' Plantation it grew 18 inches tall the first year from seed. All kinds of stock relish the hay and it may be closely grazed.

Plant very shallowly in 3¼ ft. rows, on a well-prepared seed bed in spring when soil becomes warm. 3 to 4 Lbs. of seed plants an acre in rows for seed purposes. Broadcast 15 Lbs. per acre with a small grain crop in the fall for hay and pasture. Cultivate seed crop shallow, keeping free from weeds and grass the first year until established, when it should produce 500 Lbs. of seed per acre. Good seed prices seem assured for several years. Get your start this spring. Ounce, 60c. ¼ Lb., \$2.00. Postpaid.

## 500 ALFALFA

Alfalfa is the most widely planted of all clover varieties in the world. Alfalfa in the South will produce 5 to 7 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. Early spring sowing is more popular although fine results are obtained from fall planting. It is adapted to almost the entire South. Sow on high and rather dry ground and cut only when coming into bloom. Sow in thoroughly prepared soil, broadcast or in drills, at the rate of 20 pounds per acre. Seed should be inoculated.

We sell only the highest grade seed, 99% purity or over, American grown seed, the strongest on the market. Postpaid 35c per Lb. Not Prepaid—10 Lb. lots, about 15c per Lb. 100 Lbs., or over, about 13c per Lb. Write for best prices.

**508 American Grown Red Clover** Valuable farm crop in the northern part of the Cotton Belt for pasture, hay and soil improvement. Even the first crop makes rich feed and is most valuable for hay. Sow in fall or spring. March and September being best. Highest Grade American Grown Seed. Lb. 40c. Not Prepaid—10 Lbs. lots, about 20c per Lb. 100 Lbs. or over, about 18c per Lb. Write for quantity prices.

**507 Sweet Clover or Melilotus** Also known as Bokhara Clover. As a land-builder it has few equals. Resembles Alfalfa, in fact, has been called "Alfalfa's twin sister." It is fine for raising bees and to build up your poor land. Sow 12 pounds per acre in February planting. True white-flowered, not yellow flowered. Sweet Clover. Hulled or cleaned seed. Lb., 35c. Not Prepaid—10 Lb. lots, about 13c per Lb. 100 Lbs. or over, about 11c per Lb. Write for quantity prices.

**509 White Clover** This clover does well in the Central South. Most all permanent lawn and pasture mixtures should have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial with uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lies comparatively dormant, so it should be seeded into sod or mixed with other clovers or grasses. Succeeds best on moist ground or during a wet season. Use 10 pounds per acre or half that in a mixture. Highest grade seed. Lbs., 65c. 5 Lbs., \$2.60. Not Prepaid—10 Lbs., about 45c per Lb. 100 Lbs. or over, about 40c per Lb. Write for quantity prices.

**510 CROTALARIA SPECTABILIS**—The great new cover crop for turning under, superseding cowpeas, velvet beans and other legumes in many sections, especially in the lower South. It would be difficult to imagine a better soil builder. It analyzes higher nitrogen and far higher dry weight content than cowpeas or velvet beans and produces 3 to 4 times as much nitrogen, or its equivalent in nitrate of soda, per acre. It is not recommended for hay because livestock must be trained to eat it. It is of inestimable value for fruit and truck growers, Spectabilis not being a host for pumpkin bugs. This crop requires no fertilization, no liming, no inoculation and may be grown without cultivation. In a dry spring better results may be had from planting in rows and cultivating about twice. Broadcasting may be done just before the last cultivation of cotton or corn, allowing a main crop and building up your soil all in the same season. For maximum growth, however, broadcast 10 to 15 Lbs. per acre on well prepared land when frost danger is past, harrowing in not over 2 inches, while the soil is moist. The yellow lupine-like blossoms make beautiful cut-flowers; seeds make fine quail feed in refuge from sun and hawks. Seeds should also make good poultry feed. Seed Treated for Quick Germination. Pound, 50c. Not Prepaid—10 Lb. lots, about 25c per Lb. 50 Lbs. or over, about 22½c per Lb. Write for best market prices.

**SOIL BACTERIA CULTURES**—Stimugerm, Page 123.



(510) Crotalaria Spectabilis Growing in a Pecan Grove

# GRASS SEEDS—LAWN, HAY, PASTURE

**533 Kentucky Blue Grass** Very best lawn grass; ideal for golf fairways and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer; more effective the second year than first. Deep vivid green, leaf blades very narrow and plants are slightly creeping. Ideal growth is 12 inches if left uncut. We make a specialty of fancy re-cleaned Blue Grass Seed for extensive lawn work throughout the South, where pure vital seed, free from weeds, is essential. Sow 5 pounds per 1,000 square ft. for lawns; 40 pounds per acre for pasture. **Lb., 40c. 5 Lbs., \$1.75.** Write for quantity prices. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs., or over, about 12c per Lb.

**530 Bermuda Grass** Most valuable grass for the South. It is the only sure pasture grass for sandy soils, grows on all kinds, from heaviest clay to the lightest sand and furnishes abundant pasturage. No other grass will give you so great returns with as little fertilizer and care, and Bermuda withstands drought and scorching summer sun better than any other variety. Sow 5 to 10 pounds per acre, (2 pounds per 1,000 square ft. for lawns) between March 1st and June 1st. Seed will not germinate when ground is cold. Under favorable conditions it requires from 20 to 30 days to germinate. For lawns, in the lower South, it is about the only grass except sedges that will stand the summer sun and drought. It is used almost exclusively for golf fairways and summer greens in the South. **Lb., 40c. 5 Lbs., \$1.75.** Write for quantity prices when ready to buy. Not Prepaid—10 Lbs., about 18c per Lb. 100 Lbs. or over, about 16c per Lb.

**531 HASTINGS' HULLED BERMUDA** Germinates in a week, almost as quick as Rye Grass. Highest grade Bermuda with the almost water-tight hulls removed, heretofore thought impossible. This should revolutionize Bermuda lawn planting, the only objection to Bermuda seeding before being the lengthy time of germination. **Pound, 60c. 5 Lbs., \$2.50.** Not Prepaid—10 Lb. lots, about 30c per Lb. 100 Lbs. or over, about 25c per Lb. Write for quantity prices.

**532 Italian Rye Grass** **AMERICAN GROWN.** This domestic seed is heavy, plump, high grade seed and is thoroughly satisfactory. Makes excellent winter grass following Bermuda in the South and makes heavy hay crops on rich land. An annual grass with tall, broad, flat leaves; plants grow in tufts if left uncut. Very valuable for Southern winter and spring lawns with its quick growth. Scratch it in Bermuda sod each fall for a velvety green lawn the year round. Sow 10 Lbs. per 1,000 sq. ft. for lawn; 45 Lbs. per acre for pasture. **Lb., 25c. 5 Lbs., 75c. Not Prepaid—10 Lb. lots about 7½c per Lb. 100 Lbs. or over, about 5½c per Lb.** Write for quantity prices.

**539 Rough Stalked Meadow Grass—Poa trivialis** Blue Grass family and especially valuable for shady lawns. Creeping plants with narrow, flat leaf blades; adapted to all soils, including sandy, in all sections where Blue Grass grows. Reaches 12 in. high in early summer if left uncut. The best grass of all for shady places. Sow 5 Lbs. per 1,000 sq. ft. of lawn. **Lb., 50c. 5 Lbs., \$2.25.** Not Prepaid—10 Lbs., about 30c per Lb. 100 Lbs., about 25c per Lb.

**554 Creeping Bent Grass** This name has been used for many years for a mixture of three native grasses of Central Europe. It grows on all soils, doing especially well on moist land and is valuable in mixtures for shady lawns. It makes velvet-like, thick, beautiful, soft lawns and putting greens. 12 inches high if left uncut. Recommended only in upper South; sow 5 Lbs. per 1,000 sq. ft. **Pound, \$1.25.** Not Prepaid—10 Lbs., about \$1.00 per Lb. 100 Lb. lots, about 90c per Lb.

**545 Red Top or Herd's Grass** Valuable for lawns and pastures with leaves narrow, becoming very narrow with lawn cultivation. Plants slightly creeping, ideally growing 2 ft. high in early fall. Grows on all soils but best on low, stiff, moist land. Holds well in summer if repeatedly mowed; stands wet weather and over-flowing. Valuable for winter pastures. Sow 15 Lbs. per acre or 5 Lbs. per 1,000 sq. ft. for lawns. **Lb., 30c. Not Prepaid—10 Lb. lots, about 11c per Lb. 100 Lbs. or over, about 9c per Lb.**

## Grasses for Pasture and Hay

**551 HASTINGS' PERMANENT PASTURE MIXTURE** Recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina and farther north it gives good results and is fairly permanent. It should be planted in the fall or early spring on thoroughly prepared, rich or heavily fertilized land worked smooth. Sow at least 35 pounds of seed per acre and it is best to add a pound each of Red and Alsike Clover to each 10 pounds of mixture. There is no Bermuda or Johnson Grass in the mixture. It is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Domestic Rye and Crested Dog's Tail Grasses. **Lb., 40c. 5 Lbs., \$1.75.** Not Prepaid—10 Lbs., 25c per Lb. 100 Lbs., 20c per Lb. Prices subject to change. Write for our best quantity prices.

**546 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet in summer on rich land. Sow 30 Lbs. per acre. **Lb., 30c.** Write for quantity prices. Not Prepaid—10 Lb. lots, about 10c per Lb. 100 Lbs., or over, about 8c per Lb.

**538 Meadow Fescue or English Blue Grass** Grows 3 feet tall in summer with very broad, flat leaves; giving an abundance of hay and pasture on any soil not water-logged. Sow about 35 Lbs. per acre. **Lb., 35c.** Write for quantity prices. Not Prepaid—10 Lb. lots, about 13c per Lb. 100 Lbs. or over, about 11c per Lb.

**541 Tall Meadow Oat Grass** Valuable for hay and pasture; grows 4 feet tall in early summer; furnishes two cuttings annually and is very hardy, standing heat and cold in practically all soils. Vigorous plant with very broad leaves. Sow 33 Lbs. per acre. **Lb., 40c.** Write for quantity prices. Not Prepaid—10 Lb. lots, about 20c per Lb. 100 Lbs. or over, about 18c per Lb.

**542 Orchard Grass** Widely used for hay and pasture and it even thrives under trees. Grows on all soils, reaching ideally 4 feet in late spring with its large bluish green plants with flat leaf bases. Bears closest grazing. Extensively used in orchards, woods-lots and on large woody lawns for green ground cover. Sow about 50 Lbs. per acre. **Lb., 35c.** Write for quantity prices. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs., or over, about 14c per Lb.

**553 Carpet Grass** Carpet Grass is one of the most valuable pasture grasses for the lower South. It grows on poor sandy soils better than Bermuda and does well on most any soil with a fair amount of moisture. It spreads rapidly, stands closest grazing and heavy trampling. For lawns and golf courses it will make a heavy sod and the closer it is cut the better it grows. It also does well in pastures with Bur Clover and Japan Clover, these giving all year grazing. Sow 10 pounds per acre for pasture, twice this for lawns, from early spring until July. **Pound, 35c. 5 Lbs., \$1.40.** Not Prepaid—10 Lbs., about 12c per Lb. 100 Lbs. or over, about 10c per Lb. Write for best quantity prices.

**534 Dallas Grass PASPALUM DILATATUM**—This Grass furnishes hay or pasture all the year in the far South. However, in the cotton belt it furnishes two hay cuttings of fine quality, the second cutting heavier and finer than the first. It stands light frosts and does well on most any soil with a plenty of moisture except dry sandy soil. It stands close grazing remarkably well and grows from early spring until killing frost. Sow in March and April, earlier in the lower South, on well prepared land. Plant 8 pounds of seed per acre. **Pound, 60c.** Write for prices when ready to buy.

**537 Johnson Grass** While considered a pest in many parts of the South, it is recognized as one of our most valuable hay and forage plants. In places where it can be controlled and kept from spreading into cultivated fields there is no other perennial grass which makes such enormous yields of hay. It should be cut or mowed just when seed heads begin to form, and furnishes about three cuttings per season. There is a great demand for the hay, as it is relished by all stock, especially horses. Plant 50 Lbs. per acre in early spring or early fall to give you a permanent summer pasture and hay crop forever. It is very hardy and no matter how close it is grazed it will grow and make an excellent quality of hay on most any kind of soil. **Pound, 40c.** Not Prepaid—10 Lbs., about 17c per Lb. 100 Lbs., about 15c per Lb. Write for quantity prices.

# 548 SUDAN GRASS

Sudan grass was brought to the United States from Egypt in 1909. We can best describe it by saying that it has all the good qualities of Johnson Grass with a lot more of its own added, and while it looks like an extra tall-growing strain of Johnson Grass it has not a single bad quality of Johnson Grass, such as the creeping underground stems. Sudan is an annual grass requiring reseeding every year. It can no more become a pest on your farm than can sorghum or cowpeas. Once killing frost comes it is dead and another seeding is necessary the next year. With us, planted in rows for seed, it grows 6 to 7 feet high. Sown broadcast for hay crop growth is about 4 feet high, furnishing two heavy cuttings, and with the seasons favorable a third one is obtained. Four tons of dried hay per acre will not be an exceptional yield in the Southeast. Easily cured and should be cut when first coming into bloom. Hay is much softer than Johnson Grass, stems being much more slender and leafy. In feeding value it ranks high in comparison with other hays and will go far in providing a much more satisfactory and easily handled cured hay than sorghum and peas. Sudan Grass is a wonder in its "stooling out" qualities and we certainly expect to see the time come when it will supersede the different varieties of sorghum for hay and forage crops in the South. It is certainly far superior to them. For hay crop, broadcast 15 to 20 pounds per acre. For growing a seed crop for your own future use, plant thinly in rows 18 inches apart, using 5 to 6 pounds of seed per acre. Plant Sudan Grass this year as soon as danger from frost is past, for if you want a satisfactory hay plant for the Cotton Belt or even as far North as Ohio you can get nothing so productive. You are sure to get genuine Sudan Seed from Hastings. **Pound, 25c. 5 Lbs., \$1.00.** Write for our lowest market prices when you are ready to buy. Not Prepaid—10 Lbs., 7c per Lb. 100 Lbs. or over, about 5c per Lb.

# HASTINGS' SUPERGREEN SHADY LAWN

## 549 "NOT HOW CHEAP BUT HOW FINE"

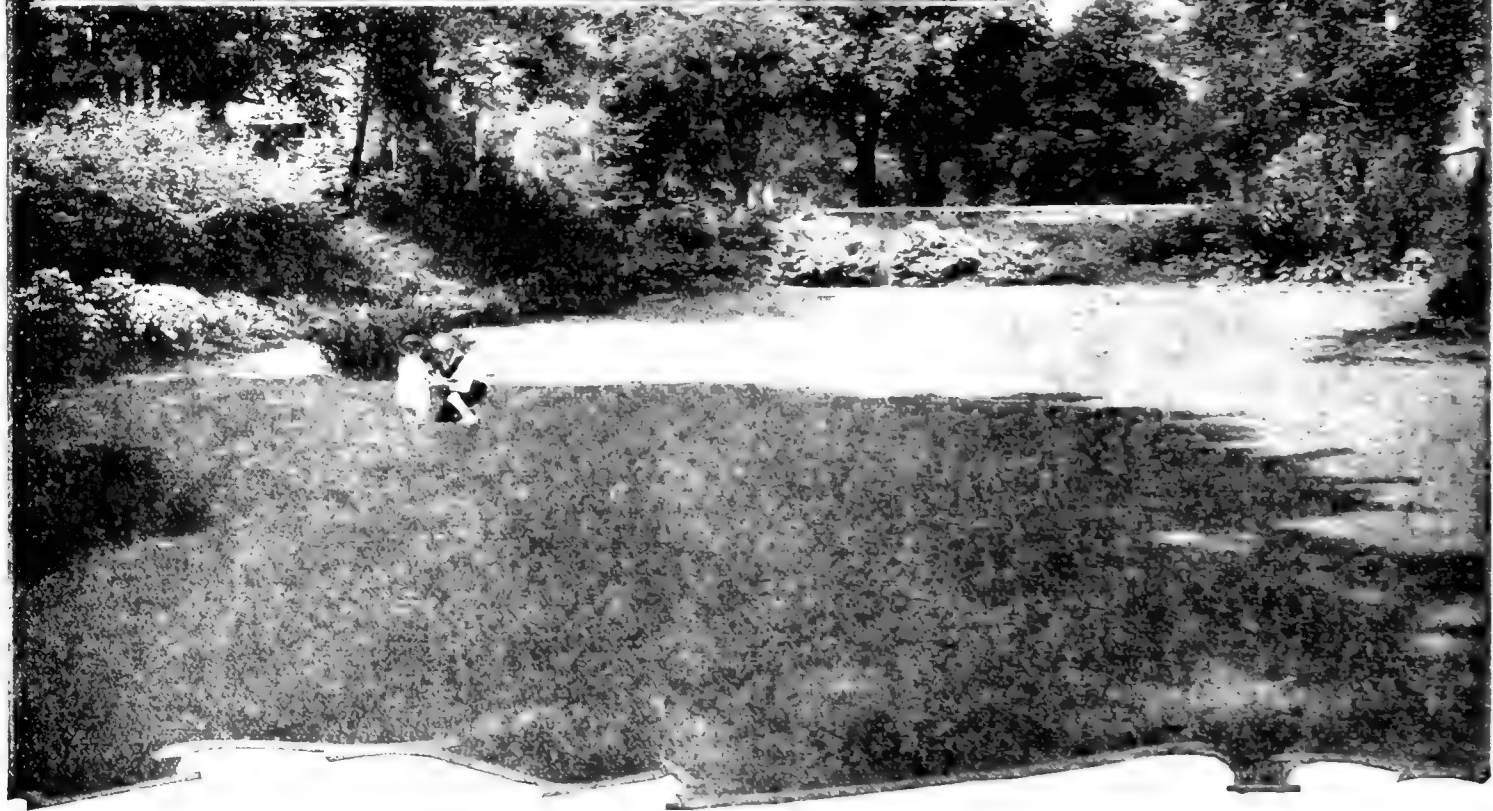
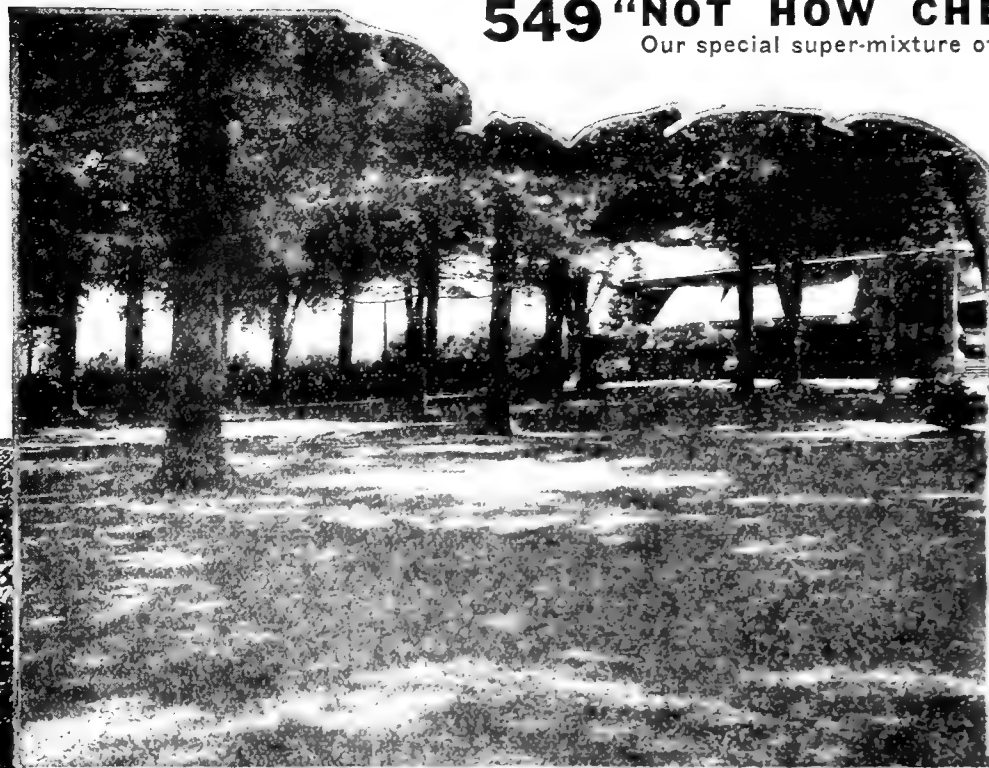
Our special super-mixture of the finest grasses, absolutely regardless of price, to plant in the upper South and farther North.

**"SuperGreen" Contains No Rye Grass.**

For you who have shady lawns and are willing to thoroughly prepare the soil before planting—then will not expect to have a perfect stand within a week or so. We caution thus because practically all grass mixtures contain rye grass, though rather coarse and growing in tufts, because it germinates in a few days and makes a quick show. Remember also that cheap grasses are used to make cheap priced mixtures.

"SuperGreen" is composed of slender bladed grasses that form velvety carpets instead of growing in tufts. Also grasses are chosen which withstand shady conditions better than any other known lawn varieties. Some are American grown, others imported, to make this ideal super-mixture for fine textured year-round lawns. It must be thoroughly watered in hot dry weather.

**Prices** Lb., 75c. 5 Lbs., \$3.25. Not Prepaid—10 Lbs., 60c per Lb. 100 Lbs., 50c per Lb. Prices subject to change. Write for large quantity prices.



# HASTINGS' SHADY LAWN GRASS MIXTURE

**555** You want and need a fresh green lawn regardless of trees. This mixture contains grasses that stand shade better than any other varieties. The surface roots of trees take the water and plant food away from grass and when trees are in full leaf they shade the ground too much for many grasses. Our Shady Lawn Mixture is made to give you a beautiful lawn and to hold its own, as well as grass can, in the shade. Most lawns have

shady places, because trees are very desirable. Bare spots in the lawn look bad and so we urge you to plant your shady places with this special mixture after thoroughly preparing the soil. Follow **Lawn Culture** directions on Page 67. Recommended for the northern half of the South and farther North. This is Hastings' Evergreen Mixture with the addition of several important shade grasses.

**PRICES**—Lb., 50c. 5 Lbs., \$2.25. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c per Lb. Prices subject to change.



# Hastings' Evergreen Lawn Mixture

**Green Lawn Success** It's really easy to have and keep nice green lawns. We are often asked why it is that Kentucky, Ohio, New York or Illinois lawns are so beautiful and green while it is the exception to find really fine lawns in the South, especially outside of the cities.

It's actually easier to make a good lawn here than in the North. It usually takes three years to get a good stand North; one year in the South. But, to do this we must first prepare the soil properly, at least as well as they do North.

We must plant the right grasses and the heaviest, highest quality seeds instead of cheap, chaffy, weedy, impure grass seeds. It is largely a waste to plant even the best seeds on improperly prepared soil. It is certainly a waste to use light, chaffy, impure seeds, regardless of price. Follow "Lawn Culture" directions. Simple, easy, quick and effective.

**Complete Lawn Units** For your convenience and so you may be certain you have the right quantity of seed and fertilizers—all that's necessary for a fine lawn—we supply complete units for 1,000 sq. ft. of lawn (50x20 ft.) in any of our Grass Mixtures desired—5 Lbs. Grass Seed, 100 Lbs. Pulverized Sheep Manure, 100 Lbs. 12-4-4 Lawn Fertilizer. See "Lawn Culture" directions. F. O. B., Atlanta. Evergreen Lawn Grass Unit—\$7.00. Shady Lawn Grass Unit—\$7.25. Hastings' Super Shady Lawn Unit, \$8.25.

**Lawn Culture** Sow Hastings' Grass Mixtures this winter or Spring. Earlier the better, for new lawns or reseeding old lawns. Spade or plow the soil 12 inches deep. Remove all rocks, roots and litter. Apply a mixture of 100 pounds of Pulverized Sheep Manure and 100 Lbs. 12-4-4 Lawn Fertilizer to each 1,000 sq. ft., plat 50x20 ft. Wizard Sheep Manure is subjected to intense heat to destroy weed seeds, disease and all plant life, so is best. Sheep Manure is the most concentrated of live-stock manures and is also excellent humus material to retain moisture and available plant food. Hastings' Special Lawn Fertilizer is well balanced, high grade and containing quickly available plant foods. Besides its own great plant food value it acts directly on the manure so 2 to 3 times the plant food value is obtained from the manure as would be available without our 12-4-4. Apply this Sheep Manure and lawn fertilizer by spading or plowing. Rake thoroughly, mixing fertilizer with soil and working the soil down smooth, fine and level. Sow seed carefully so not to skip spots.

5 Lbs. of seed will plant 1,000 sq. ft. (50x20 ft.). Plant a plenty of seed or you won't have a thick velvety lawn. Grass seed must not be covered with soil. After sowing seed, roll the soil surface with a lawn or tennis court roller or firm the surface in some other convenient way. This firming is all that is necessary. Grass seed needs only to be pressed into a firm seed bed. (Total needed per 1,000 sq. ft. of lawn—5 Lbs. Grass Seed Mixture, 100 Lbs. Pulverized Sheep Manure and 100 Lbs. 12-4-4 Lawn Fertilizer.)

**FERTILIZERS**—On Page 124 you will find description and prices on Sheep Manure, our 12-4-4, other fertilizers and plant foods.



Hastings' Evergreen Lawn Grass, properly planted during the fall, winter or spring, will make your house into "The Home Beautiful." Lawn Grasses are a great specialty with us and special mixtures for golf courses, aviation fields, polo grounds, lawn tennis courts, parks, subdivisions and pastures are our most interesting problems. Our success is due to the highest grade seeds and years of experience.

## 550 HASTINGS' EVERGREEN LAWN MIXTURE

You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year round and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring. Follow our "Culture" directions closely and failure will hardly be possible.

Hastings' Evergreen Lawn Grass Mixture is we believe the largest selling lawn mixture in America. It has given better results year after year than others because of the highest grade, pure grass seeds that go into it and because of its formula. This formula mixture has behind it many years of experience on all types of soil and varied weather and climatic conditions.

We believe there is no other mixture sold that is so generally good throughout the South. Regardless of the cost of the different grass varieties that go into Hastings' Evergreen, the formula remains the same. That is why the price may change, up or down, instead of the formula to meet a competitive price. Plant Hastings' Evergreen Lawn Mixture for a beautiful, velvety green lawn.

**PRICES**—Pound, 45c. 5 Pounds, \$2.00. Not Prepaid—10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Prices subject to change.

# FLOWER SEED PLANTING TABLE

This table is for middle South climate and conditions. Allowances must be made. It is only a general guide. Abbreviations: T, tender; H, hardy; H H, half-hardy; A, annual; B, biennial; P, perennial. Months are numbered: 1, January; 2, Feb.; etc.

NAME	Height of Plant	Shape of Plant	Color of Flowers	Good Cut Flowers	Best Use	Location Sun-Shady	Months to Plant	Months to Transplant	Blooming Months
Abnoria, HHA	6-9 in.	trailing	yellow, pink	no	edging	sunny	4-5	thin	6-10
Abutilon, TP	36-48 in.	bushy	many	no	potting	shady	3-4	4-5	5-11
Ageratum, HHA	8-24 in.	bushy	blue, white	yes	bedding	sunny	1-4	4-5	6-11
Alyssum, HHA, HP	2-12 in.	spreading	white	fair	edging	sunny	3-4	thin	5-11
Alonsoa, HHA	15-24 in.	bushy	salmon	no	bedding	sunny	4-5	thin	6-10
Amaranthus, TA	24-60 in.	bushy	reds	fair	bedding	sunny	3-5	4-5	6-10
Anagallis, A	8-15 in.	bushy	many	yes	bedding	sunny	3-5	thin	6-10
Anchusa, HA	18 in.	bushy	light blue	yes	border	sunny	3-5	thin	6-10
Anchusa, HP	3-5 ft.	bushy	blue	yes	border	shady	2-4, 9	3-5, 10-11	5-6
Antirrhinum, HA	1½-5 ft.	bushy	many	yes	bedding	any	3-5	4-5	6-10
Aquilegia, HP	24-48 in.	branchy	several	yes	borders	any	8-9	10-11	5-6
Arctotis, HA	18-24 in.	bushy	blue-white	yes	border	sunny	3-5	4-5	6-11
Armeria, HP	6-8 in.	clump	rosy pink	yes	edging	sunny	2-4, 9	3-5, 10-11	5-9
Asters, A	12-30 in.	bushy	many	yes	bedding	any	1-6	4-5	6-11
Balloon Vine, A	8-10 ft.	vine	white	no	shade	sunny	4-5	thin	6-10
Balsam, A	18-30 in.	erect	many	fair	border	sunny	3-5	4-5	6-10
Balsam Apple, A	15 ft.	vine	orange fr.	no	novelty	sunny	4-5	thin	6-10
Bartonia, HA	10-12 in.	bushy	yellow	yes	border	sunny	3-4	thin	6-9
Cacalia, A	15-20 in.	bushy	reds	yes	border	sunny	3-4	thin	5-9
Calendula, HA	12-36 in.	bushy	yellows	yes	bedding	sunny	1-4	3-5	6-11
Calliopsis, HA	12-36 in.	bushy	yellows	yes	bedding	sunny	1-4	thin	6-10
Canary Bird Vine, HA	10 ft.	vine	yellow	no	windows	cool	3-4	5	6-7
Candytuft, HA	12-18 in.	bushy	many	yes	bedding	sunny	3-4	thin	6-9
Candytuft, HP	10-12 in.	branchy	white	yes	edging	sunny	2-4, 9	3-5, 10-11	4-5
Canna, TP	30-72 in.	erect	many	no	bedding	sunny	2-3	4-5	7-11
Canterbury Bells, HB, HP	18-42 in.	bushy	many	fair	border	sunny	3-9	4-5	6-7
Carnation, HHP	18-36 in.	bushy	many	yes	bedding	sunny	2-3	4-5	6-10
Celosia, HHA	24-36 in.	bushy	red, yellow	fair	bedding	sunny	3-5	thin	6-11
Centaurea, HA, HP	24-36 in.	erect	many	yes	bedding	sunny	2-5	thin	6-9
Cerastium, HP	4-6 in.	creeping	white	no	rockery	sunny	2-4, 7-9	4-5, 9-10	4, 5
Cheiranthus, HB	8-10 in.	bushy	mauve	no	rockery	sunny	2-4, 9	4-5, 10	6-9
Chrysanthemum, HA	24-36 in.	bushy	several	yes	bedding	sunny	3-5	thin	7-11
Clarkia, HA	15-30 in.	bushy	several	yes	border	any	3-5	thin	6-10
Cleome, HA	36-48 in.	branchy	pink, white	yes	border	sunny	4-5	thin	7-11
Clove Pinks, HP	12 in.	clump	many	yes	edging	sunny	2-4, 9	4-5, 10	4-6
Cobea Scandens, TA	15-30 ft.	vine	purple	no	climbing	sunny	3-5	4-5	6-8
Coleus, TA	12-24 in.	bushy	white	no	bedding	sunny	2-3	4-5	for lvs.
Coreopsis, HP	18-36 in.	bushy	yellows	yes	bedding	sunny	2-4, 9	4-5, 10	6-10
Cornflower, HA, HP	1-3 ft.	erect	many	yes	border	sunny	11, 12, 1	5, thin	6-9
Cosmidium, A	18-30 in.	bushy	yellow	yes	bedding	sunny	4-5	thin	6-10
Cosmos, TA	48-72 in.	bushy	several	yes	bedding	sunny	4-5	thin	7-11
Crotalaria, TA	2-3½ ft.	bushy	yellow	yes	border	sunny	3-5	4-6	6-9
Crotalaria, TP	4-8 ft.	branchy	yellow	yes	border	sunny	3-5, 7-9	4-6, 9-10	6-9
Cyclamen, Hothouse P.	8-12 in.	bushy	many	no	potting	indoors	9-3	twice	1 year
Cynoglossum, HA, HHP	18-24 in.	bushy	blue	yes	border	sunny	3, 8	4-5, 10	5-11
Cypress Vine, TA	10-18 ft.	vine	red, white	no	climbing	sunny	4-5	thin	6-11
Dahlia, TP	36-72 in.	bushy	many	yes	bedding	sunny	2-3	4-5	7-11
Daisy, HP	10-30 in.	bushy	white, pink	yes	edging	any	2-3, 8	3-4, 10	5-10
Delphinium, HP	36-60 in.	tall	blues	yes	borders	sunny	1-3, 8	3-4, 10	5-7, 10
Dianthus, HA, HP	4-15 in.	bushy	many	yes	bedding	sunny	3-5	thin	5-11
Didiscus, TA	24-36 in.	slender	blue	yes	cutting	shady	2-3	4-5	6-11
Digitalis, HB-HP	30-48 in.	erect	many	yes	border	shady	2-3, 8	3-4, 10	5-7
Dimorphotheca, HA	8-12 in.	clump	many	yes	border	sunny	3-5	4-6	6-10
Dolichos, TA	10 ft.	vine	several	no	climbing	sunny	4-5	thin	6-8
Dusty Miller, HP	18-24 in.	spreading	purple	no	edging	sunny	2-4	4-5	wht. leaves
Eschscholtzia, A	10-12 in.	bushy	several	yes	bedding	sunny	3-5	thin	6-9
Feverfew, HHP	18-24 in.	bushy	white, gold	yes	bedding	sunny	3-4	thin	7-11
Flax, HA, HP	12-30 in.	clump	red, blue	no	bedding	sunny	3-8, 7-9	thin, 4, 9	5-10
Forget-Me-Not, TP	8-12 in.	bushy	blue, white	yes	edging	shady	3-4	thin	4-5, 10
Four O'Clock, HA	24-30 in.	bushy	many	no	border	sunny	3-4	4-5	8-11
Gaillardia, HP, HA	18-30 in.	bushy	red, gold	yes	bedding	sunny	2-4	4-5	6-11
Gerbera, HHP	12-15 in.	tuffy	red to yel.	grand	bedding	sunny	2-4, 7-8	4-5, 8-9	5-11
Gilia, A	24-36 in.	bushy	blue	yes	bedding	sunny	3-5	thin	6-10
Globe Amaranth, TA	12-18 in.	bushy	purple, white	yes	bedding	sunny	4-5	thin	7-10
Godetia, A	12-18 in.	erect	many	yes	border	any	3-5	thin	6-10
Gypsophila, HA	18-24 in.	branchy	white	yes	border	sunny	4-5	thin	6 wks.
Gypsophila, HP	½-¾ ft.	branchy	white, pink	yes	border	sunny	3-4, 9	4-5, 10	6-8
Helichrysum, HA	24-36 in.	bushy	many	yes	bedding	sunny	2-4	4-5	6-10
Heliotrope, TP	18-24 in.	bushy	several	fair	bedding	shady	2-5	4-5	5-11
Hibiscus, TP	24-60 in.	branchy	several	fair	specimen	sunny	3-4	thin	6-9
Hollyhock, HP	5-8 ft.	slender	many	yes	border	moist	2-3, 8	3-4, 10	6-9
Hop, Japanese, HHA	10-20 ft.	vine	var. lvs.	no	shade	sunny	4-5	thin	var. lvs.
Hunnemannia, A	24 in.	bushy	yellow	yes	border	sunny	4-5	thin	9-10
Ice Plant, TA	24-36 in.	trailer	several	no	edging	sunny	4-5	thin	5-11
Ivy, Kenilworth, HP	36 in.	trailer	lilac	no	trailing	any	3, 8	4, 10	various
Job's Tears, HA	2-3 ft.	erect	seed beads	no	novelty	sunny	4-5	thin	seed beads
Kochia, TA	36 in.	bushy	red	no	border	sunny	3-4	thin	9-11
Kudzu, HP	50 ft.	vine	purple	no	shade	any	3-4	4-5	4-5
Lantana, HA	24-36 in.	branchy	several	yes	bedding	sunny	2-4	4-5	6-11
Larkspur, HA	36-48 in.	tall	many	yes	bedding	sunny	3-5	thin	6-10
Lathyrus, HP	6-12 ft.	vine	pink, white	yes	blanket	sunny	1-4	3-4	6-10
Lily, Regal, HP	3-6 ft.	erect	blend	yes	border	either	2-4, 8-10	11-4, 2nd yr	6-7
Linaria Maroccana, HA	12-18 in.	bushy	several	yes	rockery	sunny	3-5	thin	6-10
Linum, HA, HP	12-30 in.	clump	red, blue	no	bedding	sunny	2-8, 7-9	thin, 4, 9	5-10
Lobelia, TA	6-8 in.	bushy	blue	fair	edging	shady	3-4	3-5	6-10
Lupine, HA, HP	24-30 in.	erect	several	yes	border	shady	4-5	thin	6-9
Marigold, HA	8-30 in.	bushy	yellows	yes	bedding	sunny	3-5	4-5	6-11
Matthiola, HA	15-24 in.	bushy	lavender	no	border	sunny	3-5	thin	5-9
Mignonette, TA	10-12 in.	erect	several	yes	edging	sunny	4-5	thin	6-8

NAME	Height of Plant	Shape of Plant	Color of Flowers	Good Cut Flowers	Best Use	Location Sun-Shady	Months to Plant	Months to Transplant	Blooming Months
Mimulus, TP	12 in.	trailing.	many.	no.	border.	shady.	3-4.	4-5.	6-8
Moonflower, TA	20-30 ft.	vine.	several.	no.	for shade.	sunny.	3-5.	4-6.	6-11
Morning Glory, TA, P	20-50 ft.	vine.	many.	no.	for shade.	sunny.	3-5.	thin.	6-11
Nasturtium, TA	12 in. 8 ft.	bush, vine.	many.	yes.	edging.	sunny.	4-6.	thin.	5-11
Nicotiana, TA	30-42 in.	branchy.	several.	yes.	border.	sunny.	3-5.	5.	6-8
Nigella, HA	18-24 in.	bushy.	blue, wht.	yes.	border.	sunny.	3-5.	thin.	6-8
Oenothera, TB as TA	24-36 in.	bushy.	yellow.	no.	border.	sunny.	3-4.	thin.	5-9
Oxalis, TP	4-6 in.	spreading.	several.	no.	edging.	sunny.	3-5.	thin.	6-11
Pansy, HHP	4-6 in.	clump.	many.	yes.	edging.	any.	1-3, 9.	3-4, 10.	4-6, 10
Passion Flower, TP	15 ft.	vine.	blue.	no.	climbing.	any.	2-3.	4-5.	6-10
Pentstemon, HHP	18-30 in.	erect.	many.	yes.	border.	sunny.	2-4, 7-9.	4-5, 9-10.	6-9
Petunia, HA-TP	18-24 in.	bushy.	many.	fair.	bedding.	any.	2-5.	4-5.	5-11
Phlox, HHA, HP	12-18 in.	bushy.	many.	yes.	bedding.	sunny.	3-5.	thin.	6-9
Physostegia, HP	3-4 ft.	erect.	lilac.	yes.	border.	any.	2-4, 9.	3-5, 10.	6-9
Platycodon, HP	18-30 in.	bushy.	blue, white.	yes.	border.	sunny.	2-4, 7-9.	4-5, 9-10.	6-7
Poppy, HA, HP	24-60 in.	erect.	many.	yes.	bedding.	sunny.	1-4.	thin.	6-9
Portulaca, TA	4-6 in.	creeping.	many.	no.	edging.	sunny.	4-5.	thin.	6-10
Portulrhum, HP	12-24 in.	erect.	several.	yes.	border.	sunny.	2-4, 7-9.	4-5, 9-10.	5-6
Ricinus, TA	5-10 ft.	branchy.	bronze lvs.	no.	massing.	sunny.	4-5.	thin.	big leaves
Rudbeckia, HA	2-3 ft.	bushy.	gold.	yes.	border.	sunny.	3-5.	thin.	6-11
Rudbeckia, HP	3-4 ft.	bushy.	purple.	yes.	border.	sunny.	2-4, 9.	3-5, 10.	6-11
Salpiglossis, HHA	18-30 in.	bushy.	many.	yes.	border.	any.	3-5.	4-5.	6-11
Salvia, TA, HP	24-42 in.	bushy.	red, blue.	yes.	bedding.	sunny.	3-5.	4-5.	6-11
Sanvitalia, TA	4-6 in.	creeping.	yellow.	yes.	edging.	sunny.	4-5.	thin.	6-10
Saponaria, HA	24-30 in.	bushy.	pink.	yes.	bedding.	sunny.	4-7.	6-9.	6-9
Scabiosa, HA-HP	24-30 in.	bushy.	many.	yes.	bedding.	sunny.	3-5.	4-5.	6-11
Scarlet Runner, A	10-12 ft.	vine.	red.	no.	climbing.	sunny.	4-5.	thin.	6-10
Statice, HA, HP	18-30 in.	bushy.	several.	yes.	bedding.	sunny.	3-5.	4-6.	6-10
Stocks, HA	24-30 in.	bushy.	many.	yes.	bedding.	sunny.	3-5.	4-5.	6-8
Sunflower, HHA	48-72 in.	erect.	yellow.	yes.	borders.	sunny.	4-5.	thin.	7-8
Sweet Pea, HA	4-8 ft.	vine.	many.	yes.	cutting.	sunny.	12-3.	thin.	3-6
Sweet Sultan, HA	24-36 in.	bushy.	many.	yes.	border.	sunny.	11, 12, 1-5.	thin.	5-7
Sweet William, HP	12-24 in.	bushy.	many.	yes.	bedding.	sunny.	1-4.	3-4.	5-6
Tagetes, TA, P	8, 18 in.	bushy.	yellow.	yes.	edging.	sunny.	3-5, 7-9.	thin.	6-11
Thunbergia, HHA	4-5 ft.	vine.	several.	no.	climbing.	sunny.	4-5.	thin.	6-11
Tithonia, TA	4-6 ft.	branchy.	tangerine.	yes.	cutting.	sunny.	4-6.	thin.	7-11
Torenia, TA	10-12 in.	bushy.	blue.	no.	bedding.	shady.	2-5.	4-6.	5-11
Tritoma, HHP	3-4 ft.	erect.	orange red.	yes.	border.	sunny.	2-4, 9.	4-5, 10.	8-11
Verbena, HHP	6-10 in.	creeping.	many.	yes.	edging.	sunny.	2-5.	3-5.	6-10
Vinca, TP as TA	15-18 in.	bushy.	pink, wht.	fair.	bedding.	sunny.	2-5.	4-5.	6-11
Virginian Stocks, HA	6-8 in.	bushy.	several.	yes.	edging.	sunny.	3-4.	thin.	5-7
Wallflower, HA	12-18 in.	bushy.	many.	yes.	bedding.	sunny.	3-5.	4-5.	6-7
Xeranthemum, HHA	2-3 ft.	bushy.	several.	yes.	border.	sunny.	4-5.	thin.	6-11
Zinnia, HHA	24-36 in.	bushy.	many.	yes.	bedding.	sunny.	3-5.	4-6.	6-11

# HASTINGS' "HOME BEAUTIFUL" FLOWER SEEDS

**LIBERAL PREMIUMS**—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants or the special seed collections. Read carefully and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packet to ounce quantities only.

Take full advantage of this 25% extra in seeds. You get our Free Flower Seed Collection Offer in addition, entirely free. You order direct from us so are entitled to a retail commission. We have absolutely no agents and no one else is authorized to offer or sell Hastings' Seeds. By ordering direct you are assured of getting the finest strains of the best, newest and most popular varieties in existence. Quality of seed and size of packets considered, you will find that Hastings' lives up to his policy of giving more actual value for your money than you can obtain anywhere else.

**PLANTING SUCCESS**—With Hastings' Flower Seeds, you start with the best of their kinds. Whether you expect to grow flowers commercially, to compete in local or national flower shows or simply because you love flowers and want them to bring happiness to your home—let us urge you to prepare the soil thoroughly before planting and transplanting. Feed and water your flowers, keep weeds and grass out of your borders or beds and keep the soil crust broken. Success with flowers is simply this personal attention, after you have purchased seeds of the finest strains so far created.

## HASTINGS' FLOWER SEEDS

Flower Seeds, Bulbs and Plants for Spring Planting are described on the following pages. For Hedges, Evergreens, Shrubs, Trees and other Hardy Outdoor Nursery Stock, write for Hastings Nursery Annual before March 1st. Remember, you get "Everything That Grows" from Hastings. Don't take a chance of getting something good. Be sure of getting the best there is grown. It doesn't cost any more and we are just as near as your mail-box.

## PLANNING THE FLOWER GARDEN

Make a plan for final or lasting results. You don't have to be a landscape gardener to make a beautiful home. You can make a log cabin home beautiful as well as the grounds around a costly mansion. Unsightly places, as back yards, fences and house foundations should be screened from view—all other views left unobstructed except by low-growing plants. Plan to show off the home as a pleasing sight. Don't jump in and patch up your place for immediate results. Plan to add to the beauty of your home each year.

## HOW TO SOW FLOWER SEEDS

There is nothing mysterious about success with flowers. They require care and common sense. The work can not be left to a farm hand. It must receive careful personal attention. By observing the following rules you will have little cause for failure.

**The Soil** A mellow loam, which is a medium earth between the extremes of clay and sand, enriched by a compost of rotten manure and leaf mold, is adapted to the generality of flowering plants. Previous to planting flower beds or borders care must be taken that they are so arranged that the ground is a little elevated in the middle, allowing the water to run off, this also showing off the plants to better advantage.

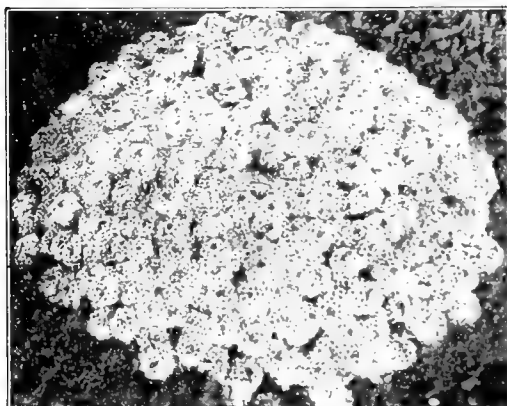
**Planting the Seed** Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; very small seeds, like petunias, should be merely sprinkled on the surface of the ground, and barely covered with finely-sifted, light mellow soil; press the soil down firmly over the seeds with a brick or a short piece of board. For larger seeds the depth should be regulated according to the size of the seeds, those the size of a pinhead,  $\frac{1}{4}$  inch deep, and those the size of a pea,  $\frac{3}{4}$  of an inch or more. Get a piece of lath (it would be better if planed smooth) about two feet long, press the edge down into the soil evenly, so as to make a groove as deep as the seed is to be planted, scatter the seed along this, allowing 4 or 5 of the larger to 15 or 20 of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing; turn your lath flatwise and press the soil down firmly. On light, sandy soils flower seeds should be covered twice the depth that they should be in stiff or heavy clay soils. Give good drainage.

**Sowing in Boxes** Almost all flowers will stand transplanting. Many of them grow better for having been transplanted. In sections liable to late spring frosts or where drought comes in spring, it is advisable to sow seeds in shallow boxes which can be placed in a warm, sunny window or on a porch. This is always advisable with the expensive seeds and those of a tropical nature, such as coleus, salvia, etc. These need a warm soil to start the seeds. Sow the same as in open ground, and keep the soil moist, but not soaking wet. If surface of soil shows tendency to cake or crust scratch it lightly to break the crust. Small seeds cannot force their way through a crusted surface. As soon as plants reach a height of 2 to 3 inches they may be transplanted, taking as much earth as possible with each plant, so as not to disturb the roots more than necessary.





(1030) Amaranthus Caudatus



(1024) Alyssum, Carpet of Snow



(1028) Anagallis Grandiflora, Pimpernel

**ABRONIA** More commonly called "California" or "Sand Verbena." Especially adapted to the light, sandy and clay lands of the Lower South. A trailing plant that grows luxuriantly in dry, open soils. Sow seeds in April where plants are to stand.

**1004 MIXED COLORS**—Best shades of yellow and rosy pink in best varieties. Pkt., 10c. Oz., 35c.

**ABUTILON** More commonly known as "Flowering Maple." Splendid bedding plant for partly shaded locations or for pot culture for porches or indoors. Our Royal Prize strain is of the finest mixed colors. Varied in form and color of flower, leaf and growth. Easily grown from seed, which should be sown in boxes in March or April. Blooms in 6 months.

**1006 MIXED COLORS**—Packet, 25c. 1/16 Oz., \$1.00.

**AGERATUM** A favorite garden flower for bedding and borders in the South. Native of Mexico that easily withstands heat of our summers. It blooms all summer, also if seed is sown in the fall it makes splendid box or pot plants for winter. Sow seed in open ground in April, or earlier in boxes for transplanting. Plants grow 1½ to 2 feet high, with light green foliage and clusters of small, tassel-like flowers.

**1010 IMPERIAL WHITE**—Packet, 10c. Oz., 35c.

**1011 MEXICANUM, BLUE**—Packet, 10c. Oz., 35c.

**1012 BLUE AND WHITE MIXED**—Pkt., 10c. Oz., 35c.

**1013 DWARF BLUE**—8-in. Pkt. 10c. ½ Oz., 30c. Oz., 50c.

**ALONZO** Odd and attractive bedding plant with lacy, cosmos-like foliage. Spikes of scarlet-salmon, odd shaped, 1-inch flowers on all shoots; blooming towards tips as plant and shoots grow. 2 feet high; rich color. Rare flower and something different.

**1017 LINIFOLIA**—Packet, 10c. Oz., 30c.

**ALYSSUM** Free flowering annuals of quick growth, beginning to bloom in early spring and continuing for a long time. Excellent for borders of flower beds, as they are of close, compact growth and even in height. Extremely popular all over the country, easily grown and very effective. Picture on left shows one plant of Carpet of Snow, newest and most dwarf growing Alyssum, only 2 inches high. Little Gem grows 5 to 6 inches; Sweet Alyssum grows 9 to 12 inches high. All are covered with a mass of white bloom. Sow seed thinly, in shallow drills.

**1020 SWEET ALYSSUM**—12 inches. Packet, 10c. Oz., 30c.

**1022 LITTLE GEM**—A. Minimum — 4 inches. Packet, 10c. ½ Oz., 25c. Oz., 45c.

**1024 CARPET OF SNOW**—2 inches. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1026 PERENNIAL ALYSSUM**—Saxatile Compactum. Called Gold Dust and Basket of Gold. Grows 12 inches tall, compact, old gold or deep yellow flowers in profusion. Good for edging and rockwork. Hardy. Packet, 10c. ½ Oz., 35c. Oz., 55c.

**ANAGALLIS PIMPERNEL**—Delightful new flower for America; a border, edging, low bedding and box plant of great charm and in good taste. Rich, yet soft colors of pink, rose, lavender, purple and blue the predominating color. Grows 10 to 12 inches high, branching and blooming profusely.

**1028 GRANDIFLORA MIXED**—Packet, 10c. ½ Oz., 30c. Oz., 50c.

**AMARANTHUS** Annual plants, grown for foliage and the showy flower clusters. There are two types, one valued for the brilliant coloring of the leaves, the other for large feathery plumes or sprays of rich crimson flowers.

**1030 CAUDATUS**—Love Lies Bleeding. Stiff, erect growth, 3 feet high; numerous sprays of rich crimson flowers hang gracefully over, giving the romantic name of "Love Lies Bleeding." Packet, 10c. Oz., 25c.

**1034 SALICIFOLIUS**—Fountain Plant. Grows 2 to 3 feet high, of pyramidal form. Packet, 10c. ½ Oz., 25c. Oz., 45c.

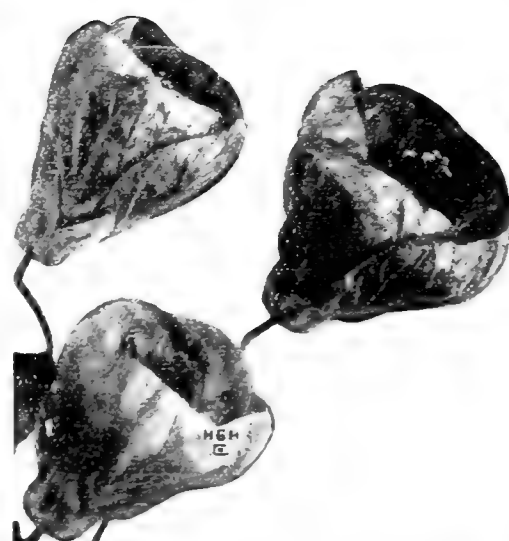
**1035 SUNRISE**—Combustion Plant. Showy leaves like fountain of Molten Fire; bright red shades, on 3-ft. stalks. Superb. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

**1036 TRICOLOR**—Joseph's Coat. Single erect stalk and brilliant colored leaves when grown. Rich yellow and red markings very distinct. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**ANCHUSA** Popular blue flowers. There are two types, the hardy annual Capensis and hardy perennial Italica. Both have beautiful Forget-Me-Not type flowers but larger and of finer color.

**1051 CAPENSIS**—Cape Forget-Me-Not. Fine, free growing hardy annual. 18 inches high with lovely sprays of light blue flowers appearing early and continuing profuse blooming all summer long. Packet, 10c. Oz., 30c.

**1050 ITALICA**—Dropmore Variety. The newest and finest; valuable and beautiful hardy border perennial. Grows 3 to 5 feet tall in partial shade and in May and June is covered with sprays of the richest gentian-blue flowers. Valuable blue flower, one of the finest hardy perennials. Packet, 10c. ½ Oz., 35c. Oz., 60c.



(1006) Abutilon—Flowering Maple



(1010) Ageratum, Imperial White



(1050) Anchusa, Cape Forget-Me-Not

# ASTERS

**Culture** The China Asters are unsurpassed for bedding and cut flowers. They are very profitable for the florist and one of the most satisfactory for the home garden. The many delicate shades and beautiful colors, the size, form and long blooming season, all make for the great popularity of these charming flowers. Asters are very hardy and may be planted outdoors as soon as the soil is warm and dry. You can start them indoors or in a cold-frame in January or February and transplant outdoors after killing frosts. Cover seed with  $\frac{1}{4}$  inch fine soil pressed down and when plants are 2 inches high, thin to 15 inches apart in row. Seeds may be planted in beds outdoors and transplanted when 2 or 3 inches high. Keep plants well watered in warm and dry weather, watering 2 or 3 times a week. For late flowering, sow in May or June. By disbudding, much larger flowers form, more beautiful than chrysanthemums.

## QUEEN OF THE MARKET ASTERS

Also called Queen of the Earlies, this type is very desirable because of extreme earliness and profusion of bloom. They grow 15 to 20 inches high, of rather compact form though of a branching habit, with many full double blooms of medium size on long stems. They come in a wide range of colors and are fine for cutting. These are especially satisfactory for early cut flowers for the home as well as market. While not as large, the many early blooms make this the best type South.

- 1096 **QUEEN**—Mixed. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.20.  
 1098 **QUEEN**—Crimson. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.  
 1100 **QUEEN**—White. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.  
 1102 **QUEEN**—Lavender. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.

## COMET OR GIANT CREGO ASTERS

Also known as Ostrich Plume because of their attractive, light, feathery appearance. They bloom in mid-season with flowers of largest size, fully double, on long, strong stems. Very long petals are decidedly curled and twisted. They are very prolific and the large blooms are unsurpassed for cut flowers. The plants are branching and very vigorous. These last a long time, are very prolific and make exquisite cut flowers.

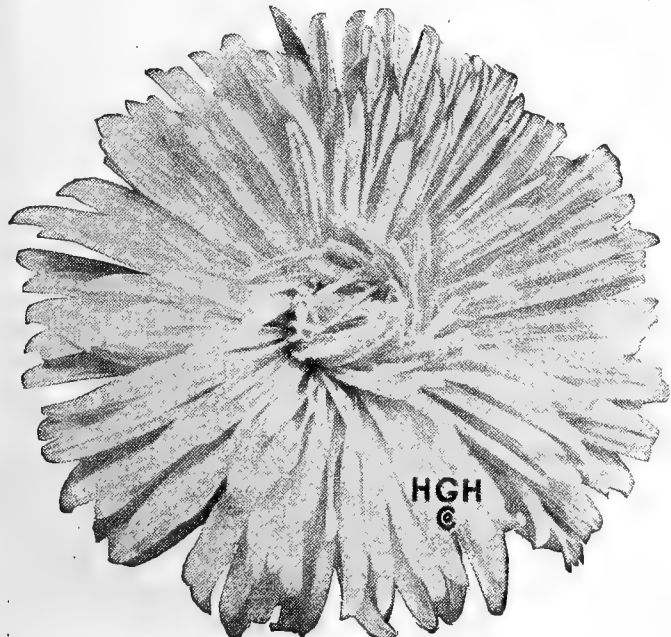
- 1080 **COMET**—Mixed. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.20.  
 1082 **COMET**—Crimson. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.  
 1084 **COMET**—White. Packet, 10c.  $\frac{1}{8}$  Oz., 35c. Oz., \$1.70.  
 1086 **COMET**—Lavender. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.

**1115 NEW CALIFORNIA GIANTS** Much larger than Giant Crego; splendid new, medium to late blooming type. Plants 3 feet high with branching stems, 18 inches long and bearing beautifully formed, curled and interlaced 5 inch flowers. With slight sun protection and rich soil well watered during hot weather, these are enormous and the grandest Aster type. Mixed colors—Packet, 20c.  $\frac{1}{8}$  Oz., 45c. Oz., \$2.50.

## GIANT CALIFORNIA SUNSHINE

New; entirely different type. Full centers of tubular, bifurcate petals, creating charming lacy, airy grace of one color tint contrasting with long, wavy outer petals of another color shade. Striking large flowers, 4 to 5 in. across on 18 to 20 in. stems. Superb.

- 1120 **MIXED COLORS**—Pkt., 25c.  $\frac{1}{8}$  Oz., 65c. Oz., \$4.10.



(1084) Comet or Giant Crego Aster



(1066) Hastings' American Branching Asters

## AMERICAN BRANCHING ASTERS

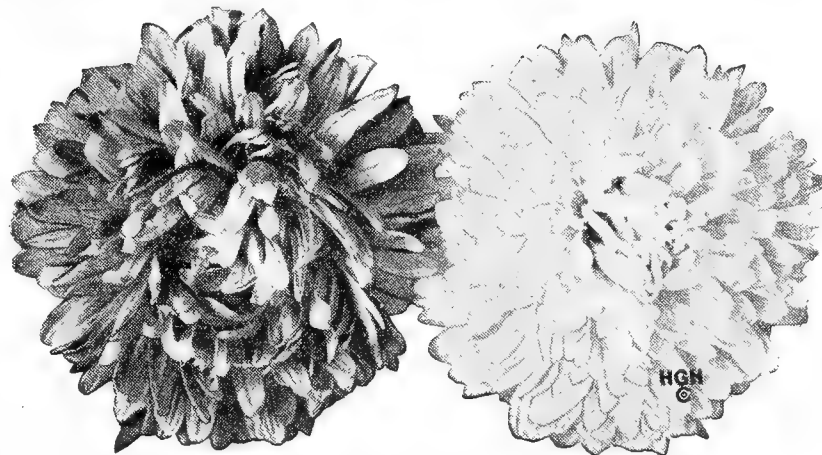
A type of very strong growing Asters, blooming in late July and August in this latitude. Full petaled extra large flowers of fine form are produced on long stems. The petals are long, rather broad, of good substance and the flowers last a long time after being cut; shipping well. The plants grow 24 to 30 inches high and are branching in habit. These are the latest varieties to come in bloom and they produce very large flowers of the deepest and finest colors and are very prolific. Separate colors make most beautiful beds and borders.

- 1066 **BRANCHING**—Mixed. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.20.  
 1068 **BRANCHING**—Rose. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.  
 1070 **BRANCHING**—Shell Pink. Pkt., 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.  
 1072 **BRANCHING**—White. Packet, 10c.  $\frac{1}{8}$  Oz., 35c. Oz., \$1.70.  
 1074 **BRANCHING**—Purple. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.30.

**1060 HASTINGS' UNRIVALED** Well worthy of the name unrivalled; Hastings' Mixed Asters have no rival. We make it up of over 20 varieties of the finest asters

grown and the greatest aster specialists in the world grow these seeds for you. All types, the early Queen of the Market, the later Giant Crego or Comet and the late strong growing Branching varieties are included in this superb mixture in many shades and colors. It makes a magnificent display and should be in every flower garden in America. The exquisite blooms make delightful cut flowers for all occasions, last a long time in water and the bedding or border display is simply beautiful. Plant some of these in your garden this year. They are delightful.

Packet, 10c. 3 Packets, 25c.  $\frac{1}{4}$  Oz., 30c. Oz., 80c.



(1102), (1100) Queen of the Market—Best South

**ANTIRRHINUM--SNAPDRAGON**

TP; treat as HA. Snapdragons have become immensely popular for outdoor blooms and lasting cut-flowers. Only our Zinnias and Petunias surpass them in sales. The maximum group far surpasses anything yet introduced, both for magnificent size and in height, 3-5 ft. Nanum Grandiflorum group grows 18-24-in. high, needs no staking, fine for beds and borders and is the popular large flowered type. Sow very early in boxes or frames, transplanting in sunny position outside when soil is warm. Give rich, loamy soil and plenty of water; set plants 1 foot apart. Easily grown; florists get \$1.50 to \$2.50 a dozen for these wonderful cut-flowers.

**NANUM GRANDIFLORUM TYPE—18 to 24-in Tall.**

1042 **DEFIANCE**—Fiery orange-scarlet, richest red and a striking beauty. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

1046 **GOLDEN QUEEN**—Clear, rich lemon yellow. Excellent Snapdragon color. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

1044 **PURITY**—Florist's strain of pure white. Finest white and large flowers. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

1041 **SILVER PINK**—Florists' strain of pearly pink. Exquisite self color. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

1040 **FORMULA MIXTURE**—Pkt., 10c. ¼ Oz., 25c. Oz., \$1.10.

**TALL MAXIMUM—SUPER GIANTS—3 to 5 ft. Tall.** Varieties come 80 per cent. or better, true to color. Sensational.

1039 **APPLE BLOSSOM**—Rosy pink with white throat. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

1043 **CANARY BIRD**—Florists' strain of canary yellow. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

1045 **OLD GOLD**—Florists' strain of coppery old gold; very rich. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

1047 **PURPLE KING**—Deep garnet-purple and finest dark color. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

1049 **THE ROSE**—Florists' strain of begonia-rose, salmon tint. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

1048 **MAXIMUM MIXED**—Pkt., 15c. ¼ Oz., 35c. Oz., \$1.60.

★ 1038 **ROCK HYBRIDS**—Dwarf, 6 in., tufty plants; miniature flowers for rockery, edging or pots. New English strain; mixed colors. Packet, 25c. ¼ Oz., 65c.

**PERENNIAL SNAPDRAGON—Linaria.** Page 82.

**AQUILEGIA—COLUMBINE** HP. Prolific bloomers, making choicest cut-flowers on long, wiry stems. Indispensable garden and border subject; about the easiest perennial to start from seed. Light, airy foliage, very graceful and our Long Spurred Hybrids are Mrs. Scott Elliot's strain, the most expensive but finest of them all. Bloom first year from seed if started early, transplanting outside in early spring.

1151 **CHRYSANTHA**—Golden Spurred, golden yellow. Packet, 15c. ¼ Oz., 35c. Oz., \$1.60.

1150 **HASTINGS' LONG SPURRED HYBRIDS**—Superb colors. Packet, 25c. ¼ Oz., 80c. Oz., \$5.10.

1149 **BLUE SHADES**—Finest Long Spurred Hybrids. Packet, 25c. ¼ Oz., 80c. Oz., \$5.10.

**ARCTOTIS—AFRICAN DAISY** HA. Exceedingly handsome and popular, refined daisy-like flowers on 12-15-in. wiry stems for valuable cutting. 2-3 ft. branching plants with profusion of long-lasting cutting flowers from early summer until frost. May be sown in hot bed for earlier blooms. Wonderful cutting material.

1388 **ARCTOTIS GRANDIS**—Pure white, lilac-blue beneath. Packet, 10c. ½ Oz., 25c. Oz., 45c.

1387 **NEW ITALIAN HYBRIDS**—Beautiful pastel colors. Outstanding 1932 novelty introduction for those who desire something different in finest annual cut-flowers. Packet, 50c. ½ Oz., \$1.35. Oz., \$8.10.

**ARMERIA GREAT THRIFT OR SEA PINK**—HP. Tufty, grassy evergreen foliage surmounted by slender, stiff, wiry 12-in. stems with dense, giant clover-like flower heads. Extensively used in rock gardens and for low edging. Rosy pink to purplish crimson flowers, suitable for cutting. Easily grown from coast to mountains.

1052 **FORMOSA HYBRIDS**—Packet, 10c. ¼ Oz., 30c. Oz., \$1.30.

**BALSAM**

**TOUCH-ME-NOT OR LADY SLIPPER**—The old and familiar Touch-Me-Not or Lady Slipper improved until those familiar with the old forms would hardly recognize the large waxy flowers with their elegant shades of color and variegations as belonging to the same class. They grow luxuriantly all through the South with little attention in any good garden soil, and will repay one for the little trouble. Sow in open ground after danger of frost is past, or earlier in protected boxes. For the best growth, set plants 18 inches apart.

1178 **HASTINGS' ROYAL PRIZE**—Camellia Flowered Mixed. One of our special strains, surpassing all others in brilliancy of colors, size of flowers, freedom of bloom. Should be planted from 1½ to 2 ft. apart to allow for full development. Grand. Packet, 10c. Oz., 30c.

1182 **PRINCE BISMARCK**—Extra double, brilliant salmon-rose; grandest pink. Packet, 10c. Oz., 35c.

1179 **SCARLET**—Giant Camellia Flowered. Packet, 10c. Oz., 35c.

1183 **YELLOW QUEEN**—Giant Flowered. Packet, 10c. Oz., 35c.

1180 **WHITE PERFECTION**—Giant Flowered. Packet, 10c. Oz., 35c.

1181 **DWARF BLUE**—Compact Giant Flowered. Packet, 10c. Oz., 35c.

**BALLOON VINE**—See Page 94.

**BALSAM APPLE**—See Page 94.

**BEAN, CASTOR—Ricinus.** Page 87.

**BEAN, SCARLET RUNNER**—Page 94.

**BIDENS**—Yellow Cosmos. Page 76.



(1150) Aquilegia, Long Spurred Hybrids



(1041) Antirrhinum Snapdragon



(1178) Royal Prize Camellia Balsam



(1052) Armeria, Thrift or Sea Pink



**1195 BLAZING STAR BARTONIA AUREA—HA.** Striking for beds and borders, 2½ to 3 feet high; coarse, spreading growth, with very rich, waxy, single golden yellow, 3 to 3½ inch flowers with overlapping petals. Rich, orange-red eyes and many attractive, long yellow stamens in centers of flowers. Doesn't stand transplanting; sow in permanent location. Packet, 10c. ½ Oz., 25c. Oz., 40c.

**1201 CACALIA** Tassel Flower or Flora's Paint Brush. A pretty annual of easy culture with tassel shaped flowers, blooming from May to September. Flowers are like miniature paint brushes of orange scarlet produced on long wiry stems, making it an excellent cut flower and it is a good border plant. It grows 18 to 24 inches high. Packet, 10c. ¼ Oz., 30c. Oz., 80c.

**CALENDULA—SCOTCH MARIGOLD** One of the best and showiest free-flowering hardy annuals, growing well in any garden soil. They make fine cut-flowers, attractive beds and borders and bloom profusely until frost. In Florida and along the Gulf Coast they do well into the winter and the large, double flowers on bushy plants make a nice display. Calendulas, in their yellow, orange and primrose colors have become very popular. Florists use them for cut flowers and they make a splendid display outdoors as well as for cutting. They are much prettier than Marigolds. Plants, 12 to 20 inches high.

**1202 HASTINGS' MIXED**—All Calendula colors. Packet, 10c. Oz., 25c.

**1207 BALL'S GOLD**—Finest type; special florists' strain of richest deep golden yellow. Identical with The Ball except in color. Packet, 15c. ¼ Oz., 25c. Oz., \$1.10.

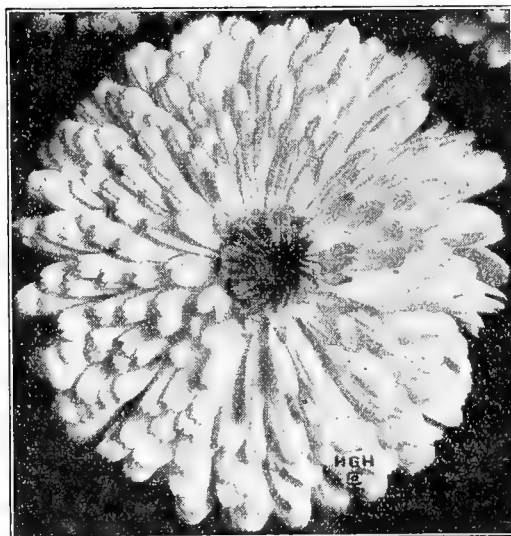
**1204 THE BALL**—Special florists' strain of richest orange. Large uniform rounded double flowers on long stems. Finest of all. Packet, 15c. ¼ Oz., 25c. Oz., \$1.10.

**1203 DOUBLE METEOR**—Creamy white, petals edged orange. Packet, 10c. Oz., 25c.

**1205 LEMON QUEEN**—Sunflower yellow, unique, largest size. Packet, 10c. Oz., 25c.

**1206 ORANGE KING**—Florists' strain; dark reddish orange with darker center. Little flatter and darker than The Ball. Packet, 10c. Oz., 30c.

**1208 RADIO**—New orange colored sensation; long quilled and twisted petals. Amateur novelty of merit; also florists' forcing variety. Packet, 10c. ½ Oz., 30c. Oz., 50c.



(1202) Calendula or Scotch Marigold



(1217) Hastings' Mixed Calliopsis

## CALLIOPSIS Annual Coreopsis

Bright showy annuals, growing with great profusion in any good garden soil. Plants 1 to 3 feet high, covered with brilliant and showy flowers, both double and single. Sow in early spring, in open, where plants are to stand. Colors are bright yellow and rich brown with shades of red. Notice the illustration, showing the different forms of this popular and easily grown flower. Use it for mixed wild color effect and splendid cut flowers.

**1216 SPLENDENS**—Hastings' tall golden yellow single annual with richest, wide mahogany, maroon or dark brown center. Covered with bloom. Packet, 10c. Oz., 30c.

**1217 TALL MIXED**—See picture. All colors; 2 to 3 feet high. Packet, 10c. Oz., 25c.

**1215 GOLDEN WAVE**—Drummond. New dwarf; 1½ to 2 feet; richest gold-yellow, extra large, showy flowers; writer's choice. Packet, 10c. Oz., 30c.

**1218 DWARF MIXED**—Finest of lower growers. Best annual mixture. Packet, 10c. ½ Oz., 20c. Oz., 35c.

**COREOPSIS HP. 1213 DOUBLE YELLOW**—Golden yellow self color. 2½-inch blooms on long stems; 2-3 ft. high. New; no single flowers in this semi-double. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

**1214 MAYFIELD GIANT—HP.** Superb cut-flower and showy border plant; largest Coreopsis, branching from base so also has longest stems. Immense 3½-in., rich golden yellow single flower. New. Best of all. Packet, 10c. ¼ Oz., 25c. Oz., 70c.

**CANARY BIRD VINE**—See Page 94.

**CANDYTUFT OR IBERIS** Showy, branching plants, bearing in profusion terminal clusters of beautiful single cruciform flowers in a wide range of colors. Especially desirable for cutting and also very effective in beds, masses or rockeries. A well known garden favorite and very popular. Larger flowers are made if some of the branches are removed and the plants given plenty of water. Sow seed as soon as soil can be worked in spring. When well up thin out to 4 to 5 inches apart. Grows 12 to 15 inches high and blooms from June to September; very hardy annual.

**1220 MIXED**—All shades and colors of the annuals. Packet, 10c. Oz., 30c.

**1221 CARMINE PINK**—Beautiful and popular. Packet, 10c. Oz., 35c.

**1222 DARK CRIMSON**—Really a true purple. Packet, 10c. Oz., 30c.

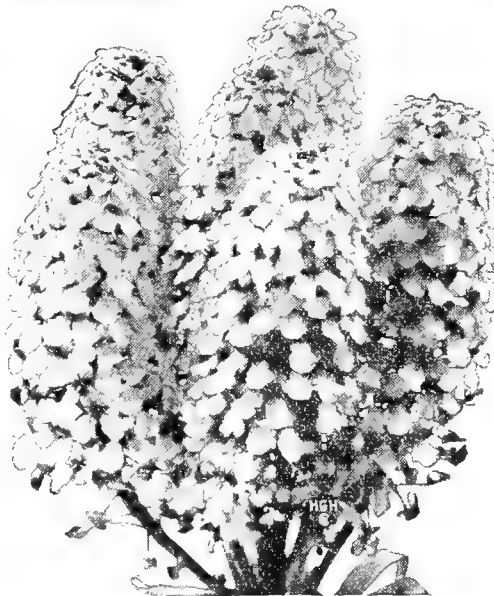
**1224 FLESH PINK**—Exquisite bluishwhite or flesh. Packet, 10c. Oz., 30c.

**1223 LAVENDER**—Excellent lilac; nothing better. Packet, 10c. Oz., 30c.

**1226 ROSE CARDINAL**—Bushy, fine for beds; rosy red. Packet, 10c. ½ Oz., 25c. Oz., 45c.

**1219 GIANT HYACINTH FLOWERED WHITE**—Extra select strain, sturdy, compact habit. Largest and best of Hyacinth-flowered type; 18 to 24 inches high with huge spikes of flowers as large as Hyacinths. Packet, 10c. ¼ Oz., 25c. Oz., 70c.

**1229 PERENNIAL IBERIS**—Sempervirens. Dwarf, hardy, evergreen plants, 6 to 10 inches high; a sheet of bloom every spring and early summer. Fine in rockeries or borders for bright, dwarf masses of white. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.



(1219) Giant Hyacinth Flowered Candytuft



(1223) Hastings' Lavender Candytuft



(1261) Cup-and-Saucer Canterbury Bells

the time seed is sown. Our new *Enfant de Nice* and *Hastings' Double Giants* are the finest Carnations grown from seed. They are about as large, grown outdoors in good soil and well cultivated, as greenhouse Carnations that are grown from cuttings. Years have been spent in perfecting these extra large flowered types and the beautiful and gorgeous sight in the variety colors in the seed crop field is a sight never to be forgotten. Seed of these giant types should be replanted each two years and remember, no such size has ever before been attained from seed.

**1246 MARGUERITE**—An everblooming Carnation, blooming in 4 months from seed. Flowers are smaller than regular Carnations but their earliness and abundance make up for size difference. Mixed—Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.

**1240 HASTINGS' DOUBLE GIANTS**—These grand Carnations will come into bloom in six months from seed and continue blooming throughout the summer. The plants are of robust upright growth with from 10 to 20 stalks bearing huge flowers of fine form. They come quite true and about 90% double. They are a giant Chabaud strain not to be confused with the old Chabaud type, in all Carnation colors; red, crimson, amethyst, rose, rose pink, flesh, ruby, salmon rose, white and yellow. Mixed colors. Packet, 15c.  $\frac{1}{4}$  Oz., 35c. Oz., \$1.70.

**1241 CARDINAL RED—SPARKLER**—Richest sparkling red; beautiful Double Giant. Packet, 20c.  $\frac{1}{4}$  Oz., 45c. Oz., \$2.50.

**1242 ROSE PINK—THE PEARL**—Opens with lilac tint, lightens to flesh pink Double Giant. Packet, 20c.  $\frac{1}{4}$  Oz., 45c. Oz., \$2.50.

**1243 WHITE—JEANE DIONIS**—Pure white and a beautiful Double Giant. Extra. Packet, 20c.  $\frac{1}{4}$  Oz., 45c. Oz., \$2.50.

**1244 YELLOW—MARIE CHABAUD**—A real primrose yellow. Odd and fine yellow color. Practically as large as greenhouse Carnations, these Double Giants. Packet, 20c.  $\frac{1}{4}$  Oz., 45c. Oz., \$2.50.



(1272) Chinese Woolflower—Celosia Childsii

**CANNAS** 1230 See Page 117 for Canna Roots of separate varieties. Cannas are easily grown from seed and bloom the first season. They are the grandest display flowers in existence, with large tropical leaves and gorgeous heads of deep, rich colored blooms. Varieties don't come true from seed so each seedling is a potential new variety. All our seed is selected from named varieties which were crossed with all varieties on Page 117, on the Hastings' Plantation. We sell this seed to the largest and most particular flower seed growers in the world. It is the best. Seeds have a hard shell which must be cut so moisture can penetrate. Start seed in boxes in Feb. or March. Transplant in open ground after frosts, when soil is warm, 18 inches apart. Cannas make a gorgeous display. Packet, 10c. Oz., 35c.

**CANTERBURY BELLS CAMPANULA MEDIUM**—HB. Sown early in the South, these will bloom the first season. They are handsome, easily grown plants of stately branching habit and many blooms, useful for beds and backgrounds. They grow long racemes of beautiful bell-shaped flowers of rich colors and plants grow 2 to 4 ft. high. To keep them over for blooming the second year, sow seed in early spring in rows 2 feet apart in light, rich soil with good drainage and transplant or thin out plants to 18 to 24 inches apart in the fall, giving some protection with straw or leaves for freezing weather. Longestyla is much in demand for rockeries. Flower colors are white, lilac, rose, blue, purple and violet in various shades.

**1260 SINGLE MIXED**—All colors of these popular old-fashioned flowers with large bell-shaped blooms. Packet, 10c. Oz., 35c.

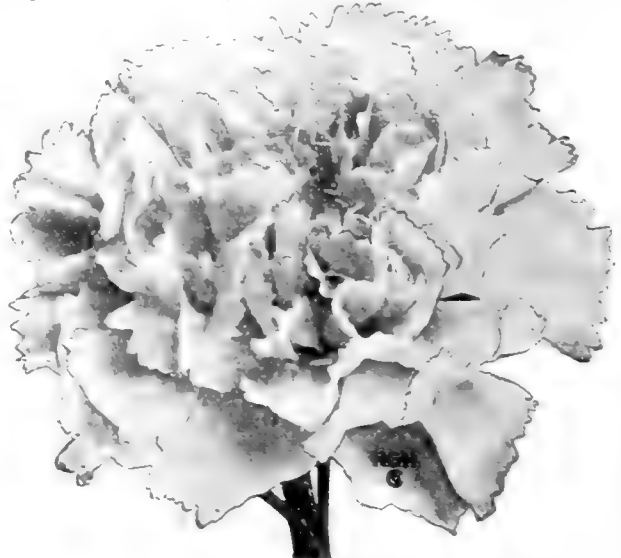
**1261 CUP-AND-SAUCER MIXED**—Calycanthema. Interesting type of this greatly prized garden favorite. It is like the Single except with a large calyx, same color as flower, to look like a saucer for the cup or bell. Flowers don't open as free as the Singles. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 80c.

**1264 LONGESTYLA**—HP. 18-24-in. tall. Fine rockery subject with wide spreading plants only a few inches high until ready to bloom. Rich violet-blue nodding bells; free-flowering on long, slender stems. Pkt., 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.30.

**1248 ANNUAL CANTERBURY BELLS**—New 1932-1933 All-American Gold Medal Winner. 2-2 $\frac{1}{2}$  ft. tall. 6-8 flower spikes per plant. Blooms in 6 months from seed. Great. Packet, 25c.  $\frac{1}{4}$  Oz., 80c. Oz., \$5.10.

## HASTINGS' GARDEN CARNATIONS

Carnations are one of the most popular flowers and are easily grown from seed. They are in their full development the second year; but bloom 4 to 6 months from



(1243) Hastings' New Double Giant Carnation

**1239 NEW ENFANT DE NICE**—As large as greenhouse Carnations, 2 $\frac{1}{2}$ -3 in. across. About 90% come double; larger, more bushy than Double Giants and well branched. Magnificent for outdoor use. All Carnation colors and the last word in this popular flower. Mixed. Packet, 25c.  $\frac{1}{4}$  Oz., 65c. Oz., \$4.10.

**CELOSIA OR COCKSCOMB** These peculiar looking plants develop abnormally large flower heads or combs, are showy and of easiest culture. The plants have colored foliage and form a brilliantly colored mass with the odd and striking flowers and seed vessels for beds and borders. They often hold their brilliant coloring right up to frost. The *Cristata* is sometimes cut before fully ripe and dried in the house for winter bouquets and decorations. Sow early in the house and transplant, or sow outdoors when ground is warm. Transplanting makes larger flowers.

**1265 CELOSIA CRISTATA**. The large, close-headed form. This is the common variety of "Cockscumb," so popular throughout the Southern States and so much admired for the fiery red, velvety heads of flowers that resemble a cock's comb, hence the name. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.30.

**1270 CELOSIA PLUMOSA**. This is a distinct form quite different from the other. Heads instead of being close are loose and feathery, borne on long stems. Mixed colors. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 70c.

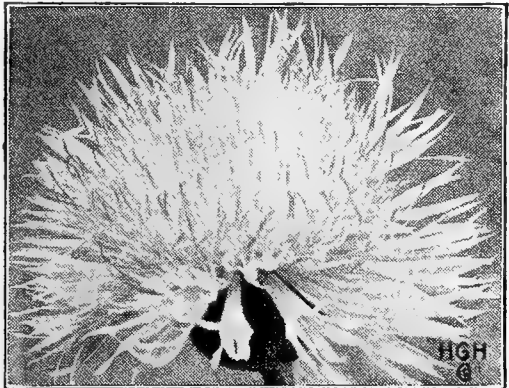
**1272 CHINESE WOOLFLOWER**. *Celosia Childsii*, 2 to 3 feet high, blooms starting early with a central head often 2 feet around. Scores of branches, each bearing a ball of scarlet wool, make the whole plant look like a huge bouquet and none of the blooms fade until frost but enlarge and glow with their deep rich, scarlet-crimson colors. Packet, 10c; 3 for 25c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.

**1287 CERASTIUM—Snow in Summer**—Hardy Perennial—Bierbersteini. White. Excellent rockery and edging plant. Silvery white dense hairy foliage. 6-8 in. high and spreading 4 ft. or more in a thick blanket. Miniature  $\frac{1}{4}$  in. daisy-like flowers cover the whole plant in a white sheet early in season. Packet, 15c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.





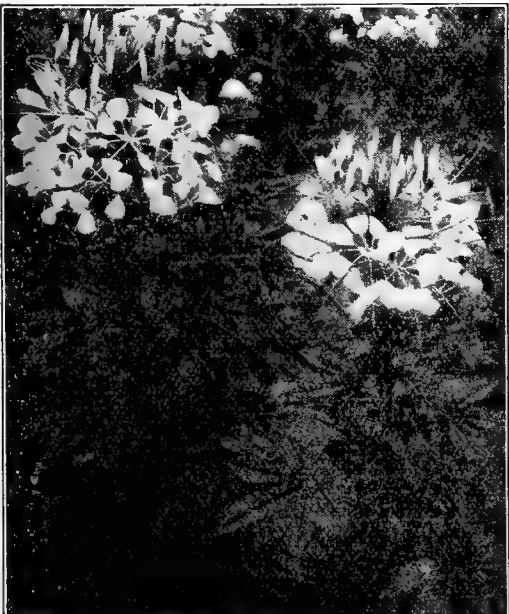
(1282) Centaurea—Bachelor's Button



(1284) Centaurea—Sweet Sultan



(1294) Double Coronarium Chrysanthemum



(1304) Cleome or Giant Spider Plant

**CENTAUREAS** Hardy flowering annuals, which include some of our most graceful and showy garden flowers, especially for cutting. The tall, slender, straight or slightly branching plants with narrow leaves produce bright colored flowers on long, graceful stems and some are fragrant. Easily grown in any garden soil.

**1280 Dusty Miller** White Leaved, *Centaurea Gymnocarpa*. Silvery white or light gray leaves, 1 foot high, used for bedding, margins, baskets, pots and vases. Very effective. Packet, 10c. Oz., 35c.

**TRUE BACHELOR'S BUTTON**—See Globe Amaranth on Page 80.

**1282 Bachelor's Button CORNFLOWER**—Blue Bottle, Ragged Sailor or Ragged Robin—*Centaurea Cyanus*. Known under all these names, this very easily grown flower is always included in old-fashioned gardens and usually reseeds itself every year. It blooms all summer long and should be in every Southern garden. Selected Double Flowering. All Colors Mixed—Packet, 10c. Oz., 30c.

**1283 BLUE CORNFLOWER**—Double flowered Cornflower or Bachelor's Button shown in the picture of (1282), except blue in color. Finest Florists' strain. Packet, 10c. Oz., 35c.

**1281 RUBY RED CORNFLOWER**—Similar to "Blue" except a striking new, rich, deep ruby-red color. Packet, 10c. Oz., 35c.

**1284 Sweet Sultan** *Centaurea Imperialis*. This superb new strain of the "Sweet Sultan" is splendid. Produces long-stemmed blossoms 3 to 4 inches across and very fragrant. Colors from white through shades of red, blue, lilac, royal purple, etc. Of strong, bushy form, and of easiest culture. Best planted very early in season to allow for fine cut flowers before hot weather. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1279 Montana CORNFLOWER**

**Blue** Stems 18-24-in. tall with extra large 2-in., single terminal rich blue Cornflowers. Heavily leaved stems branching from root crown. Hardy, fine tall rock plant; blooming May to September. Packet, 10c. ¼ Oz., 30c. Oz., 80c.

## CHRYSANTHEMUMS

The perennial Chrysanthemums of the giant Japanese and Chinese types are not satisfactorily grown from seed and you should set out the plants. See Page 98. However, the single and double annual Chrysanthemums grow easily from seed planted in the spring. They are showy and effective garden favorites, extensively grown for cut flowers, borders and beds. They are hardy summer-flowering plants, about 2 feet high, bearing in profusion double daisy-like flowers about 3 inches across and on good stems. These are entirely distinct from the perennial types. The Single Tricolor Chrysanthemums grow 3-5 feet high.

**1290 SINGLE TRICOLOR MIXED**—Vivid and oriental colorings. Easily grown. Three colors in each flower in pleasing, yet striking contrasts. These make exceptional growth, fine cut-flowers and much more striking display than the double flowering sorts. Carinatum type in contrasting ring colors in the flowers and with finely cut foliage. These Single Tricolors are the finest display type of annual Chrysanthemums. Packet, 10c. Oz., 25c.

**1294 DOUBLE WHITE CORONARIUM** Beautiful creamy white, double flowers with rich golden centers. Packet, 10c. Oz., 25c.

**1296 DOUBLE GOLDEN YELLOW**—Deep rich, yellow flowers; fully double. Fine annual and these are far superior to Marigolds. Packet, 10c. Oz., 25c.

**1292 DOUBLE MIXED**—Coronarium varieties of dwarf selected strains; of compact habit and with fine double flowers. Packet, 10c. Oz., 25c.

(1290) Single Tricolor Chrysanthemums

**1288 CHEIRANTHUS ALPINE WALLFLOWER—LINIFOLIUM**. Splendid dwarf growing hardy biennial, treated as an annual. It flowers freely in summer from early spring planting or plant in late summer for early spring flowers as well. Of low, spreading, compact growth; lance-like foliage, 4 to 6 inches high, and with heads of lilac to lavender mauve flowers held 4 to 6 inches above foliage. Flowers profusely in umbels like Candytuft; regular, ¾ inch, 4-petaled, dog-violet colored flowers and about 6 open at a time in 2 inch heads. Novel and extremely attractive for beds, low borders, edging and rockeries. Packet, 10c. ½ Oz., 25c. Oz., 40c.

**CLARKIA** Very popular annual; quite hardy, standing considerable cold, and of the easiest culture. Sow in good soil as early as ground can be worked. They are rapid growers and constant bloomers in delicate and very brilliant shades of rose, white, red, pink and purple from May to September. The long spikes of flowers are produced in branching growth from crowns of roots. The creped tissue-like flowers, 1 to 1½ inches in size, are borne around the long spikes and make beautiful cut-flowers on strong, stiff, slender stems. Do well in sun or shade, 2 to 4 feet high.

**1300 SINGLE MIXED**—All colors of this grand flower. Packet, 10c. Oz., 30c.

**1302 DOUBLE MIXED**—Make fine cut flowers. Packet, 10c. ½ Oz., 25c. Oz., 40c.

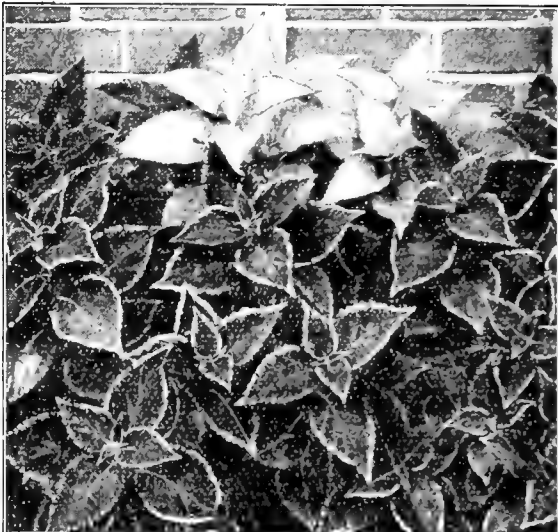
**1304 CLEOME—Giant Spider Plant**

A very free flowering hardy annual of branching habit, growing 3 to 4 feet in height; each plant terminates in a large spike of rosy-pink flowers. Plants grow freely from seed sown in open ground early in summer and continue until cut off by frost. Fresh flowers appear constantly at tops of the branches as they increase in height; they have long, slender stems, making them feathery in appearance. The flowers are succeeded by long seed pods on slender stems, and as they are set thickly on the stalks, have slight resemblance to a giant centipede or spider. Fine bee plant. Notice the picture of this very decorative flower with its odd beauty. Plant among shrubbery, in borders or make effective large beds of it. Packet, 10c. ½ Oz., 30c. Oz., 50c.





(1328), (1324), (1326) Hastings' Giant Cosmos—Very Free Growing



(1310) Hastings' Decorative Hybrid Coleus

**1325 COSMOS—Yellow**

**BIDENS HUMULUS**—Our 1928 introduction. Rich golden yellow in color, more bushy and branching than other Cosmos and not so tall. It is earlier to bloom and produces many more flowers; an easily grown annual that we long wanted. 18 to 24 in. high, covered with  $1\frac{1}{4}$  to  $1\frac{1}{2}$  in., 5-petaled, star-like, glowing yellow, self colored flowers and finely cut foliage. It makes a wonderful bedding or border plant, symmetrical bush and attractive display. Be sure to try it. You'll want it every year. Packet, 10c. Oz., 25c.

**1338 CROTALARIA**

**RATTLE-BOX**—C. Spectabilis, HHA. Shrubby border and very effective cut-flower plant, resembling Lupines. 4-6 ft. tall, wide branching legume with long terminal spikes of yellow pea-shaped blossoms, striped brown. Inflated  $1\frac{1}{2}$  in. seed pods which may be rattled. Becoming very popular in the lower South as a legume crop for turning under. Specially treated seed for quick germination, now in great demand for cut-flower growing. Packet, 10c. Oz., 25c.

**1340 CYCLAMEN**

**ALPINE VIOLET**—Cyclamen Persicum. Popular, free blooming, plant for house culture. Seeds produce bulbs which flower the following spring. These should be grown in boxes and pots, never in the open ground. Colors range from pure white to deep crimson. Cyclamens are florists' greenhouse specialties and as exquisite pot plants as can be grown. It usually takes a full year from seed to bloom. Difficult to grow. Packet, 25c.  $\frac{1}{4}$  Oz., \$1.20. Oz., \$7.10.



(1340) Cyclamen—Tender Pot Plants

**1310 HASTINGS' HYBRID COLEUS**

There are no finer decorative foliage plants for the South than our fine Hybrid Coleus; easily raised from seed sown in boxes in February and March and placed in a warm, sunny window. The seeds are small and should not be covered more than  $\frac{1}{8}$  of an inch. Keep moist, but not wet. When young plants are 3 or 4 inches high and when danger of frost is past set in open ground. For beds, edging and porch or window boxes, coleus make magnificent ornamental foliage plants. Our mixture of seed of coleus is saved from some of the finest exhibition plants and contains all the best fancy striped and blotched leaved kinds. The leaves are of many shapes and shades and colors are of remarkable beauty. Many homes have hundreds of these luxuriant fast growing plants. They are tender perennials and perhaps the most showy plants we have. Packet, 25c.  $\frac{1}{4}$  Oz., 60c. Oz., \$3.60.

**1315 COSMIDIUM ORANGE CROWN BUR-**

**RIDGEANUM**. Better than any dwarf Calliopsis. Grows 2 feet high, fine round foliage, fairly long stems. Flowers  $1\frac{1}{2}$  to 2 inches across; overlapping petals of rich old gold with large brown centers or discs. Very easily grown and plants are prolific and bloom all summer long. They make nice cut flowers as well as being a display of color in the garden or border. Plant some this spring. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.

**COSMOS—Single**

Handsome, very free flowering annual, originally from Mexico. Adapted to the entire South. Do not plant in soil too rich, as it makes too tall a growth. Sow in open ground as soon as frost danger is past. 4-6 ft. tall and covered with flowers from August until frost.

**1322 GIANTS OF CALIFORNIA**—Early mammoth flowering, twice the size of common Cosmos. Pink, white and crimson mixed. Packet, 10c. Oz., 35c.

**1324 GIANT CRIMSON**—Crimson flowers. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.

**1326 GIANT PINK**—Deep pink flowers. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.

**1328 GIANT WHITE**—Pure white flowers. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.

**COSMOS—Double**

Crested double and some flowers are almost fully double. About 50% of the flowers come Giant Singles but all of ours are the Extra Early Double type; largest flowers of all. We offer this newest strain or type in each of the three Cosmos colors. These double Cosmos are becoming extremely popular and you will surely want them.

**1321 EXTRA EARLY DOUBLE**—Mixed. Packet, 20c.  $\frac{1}{8}$  Oz., 45c. Oz., \$2.50.

**1330 CARNELIA**—Crimson. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1332 PEACH BLOSSOM**—Pink. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1334 WHIRLWIND**—White. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.



(1321) Double Crested Cosmos

**CYNOGLOSSUM****CHINESE FORGET-ME-NOT, AMA-**

**BILE**—Beautiful annual, introduced as a novelty from China. It has quickly become deservedly popular. Flowers are Forget-Me-Not blue and pink and look the same as Forget-Me-Nots. The plant is much stronger, however, growing about 24 inches high, branching from the crown and producing beautiful sprays of blue and pink flowers through the summer. May be grown under glass as well as outdoors and makes very nice cut-flower material. The list of real blue flowers is short and this is truly a fine one and a wonderful addition to the blue list. Those who have had trouble growing Forget-Me-Nots may now have this Chinese type with ease. Try the new pink one.

**1355 BLUE CYNOGLOSSUM**—Rich blue. Packet, 10c. Oz., 25c.

**1356 PINK CYNOGLOSSUM**—Bright pink. New 1931 introduction. Packet, 15c.  $\frac{1}{4}$  Oz., 35c. Oz., \$1.70.

**COBEA SCANDENS**—See Page 94.



(1355) Cynoglossum—Chinese Forget-Me-Not.

## HASTINGS' SUPERB DAHLIA SEED

**Tender Perennial.** No flower in recent years has shown such great improvement as has the Dahlia. The present strains produce flowers of largest size and striking brilliancy of colors. Easily raised from seed in the South, blooming late the first season. Sow seed in February in shallow boxes; place in a warm, sunny position. When plants are 3 to 4 inches high, and danger of frost past, transplant to open ground, 3 feet apart.

**1360 DOUBLE MIXED**—A splendid strain of double flowers, including all colors. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1362 SUPERB DOUBLE MIXED**—This is the best strain of large double flowering Dahlia. Seed saved from the finest named varieties, including all shades and colors. This will give you a magnificent collection from the best varieties. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1364 CACTUS DAHLIAS**—The new strain is very popular wherever grown, being especially valuable for cut-flower work. Petals of the large flowers are beautifully pointed and the range of coloring is remarkably fine and satisfactory. All don't come true Cactus type from seed however. Mixed colors. Packet, 35c.  $\frac{1}{8}$  Oz., \$1.20. Oz., \$7.10.

**1366 SINGLE MIXED**—Seed saved from named single varieties. Flowers not so large as the double varieties, but bloom earlier and more freely than the double sorts. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

**1365 BEDDING DAHLIA—COLTNESS HYBRIDS.** New, easily grown, bushy Mignon Dahlias, 2 to 3 ft. high. Bloom the first year from seed and free-flowering each year from July until frost. Single flowers in rich, bright shades of red, rose, yellow, white and lavender. Latest rage in Dahlias. Try them. Packet, 25c.  $\frac{1}{8}$  Oz., 45c. Oz., \$2.50.

**AFRICAN DAISY**—Aretotis, Page 72; Dimorphotheca, Page 78.

**PAINTED DAISY**—See Pyrethrum on Page 85.

**TRANSVAAL DAISY**—See Gerbera on Page 80.

**1380 DAISY, Double English--** Perennial. English Daisy, perfectly hardy and suited to cool, rather moist location. Blooms in earliest spring and late fall. Sow seed early in boxes or shallow drills; then transplant to permanent location. Treat same as violets. Can be flowered through the winter if placed in boxes in pits or planted out in cold frames. Flowers very double. Plants spread rapidly in rich soil and last for years. They make the finest edgings and are beautiful in clumps about the lawn. 6 to 10 inches high. Rose-pink and White. Mixed. Packet, 10c.  $\frac{1}{8}$  Oz., 35c. Oz., 95c. (Plants on Page 97.)

**1384 Daisy, Shasta** WESTRALIA—HP. Shasta Daisy Plants on Page 97. Our choice Westralia variety with flowers of purest glistening white with broad overlapping petals, one of the finest and most attractive flowers grown. These flowers are much larger than common daisies, often 5 inches across, and make fine cut flowers with long stems, lasting a week or two after being cut. Grows 2 to 2½ feet high and excellent for beds, borders, clumps and cut-flowers. Lasts for years. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

**DELPHINIUMS** PERENNIAL LARKSPUR—Stately and beautiful blue flowers. Difficult to grow from seed in the lower South but in the upper South and farther North they are exquisite and last for years. Delphiniums produce an abundance of foliage and extra long spikes of single, semi-double and double flowers in every shade of blue to dark purple. They are fine for tall borders or masses. Start seeds early indoors for transplanting. Prepare soil deep, mixing well with rotted manure and set plants 2-3 ft. apart. Water freely and cultivate constantly for perfection in bloom. Stake tall plants, which grow 4-7 ft. high. Cut back after blooming for a second crop, adding bone meal and watering freely.

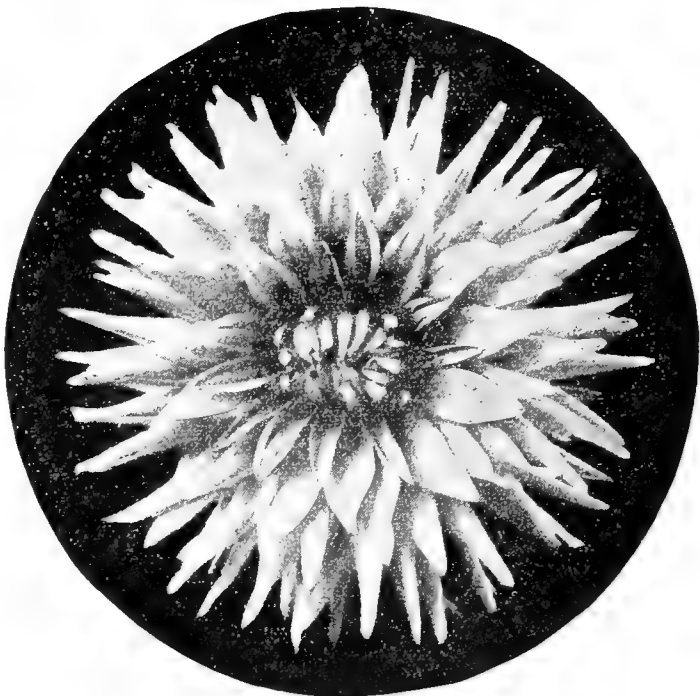
**1370 HASTINGS' HYBRIDS**—Exquisite long, dense spikes in all blue shades of single, semi-double and double flowers. Marvelous for cut-flowers and landscape uses. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1371 WREXHAM HYBRIDS—HOLLYHOCK STRAIN**—The greatest advance in Delphiniums. Spire-like, huge, graceful spikes of enormous size and beauty; single and double flowers. We believe ours are superior to English grown stocks because of our selections to lighter colors, which are far more popular in America. Finest and largest of all. Packet, 50c.  $\frac{1}{8}$  Oz., \$1.35. Oz., \$8.10.

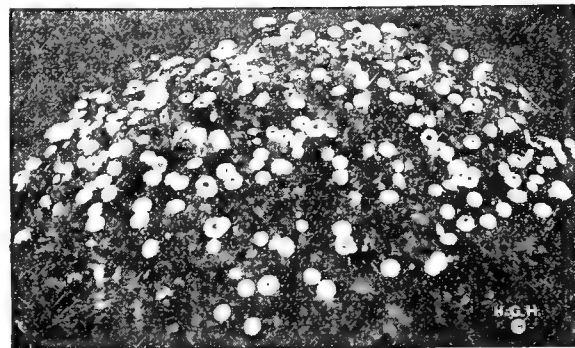
**1374 BELLADONNA IMP.**—A great new improvement on the greatest popular favorite and grandest blue flower in existence. Clear, light turquoise blue; tall spikes and a free bloomer. It is called the Everblooming Hardy Larkspur. The world-famous Cliveden Beauty Strain. Packet, 25c.  $\frac{1}{8}$  Oz., 80c. Oz., \$5.10.

**1376 BELLAMOSUM**—Same as Belladonna except deep, richest blue in color. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1368 ANNUAL BLUE**—HA. Richest blue annual, more satisfactory South than perennial types. 2 to 3 ft. tall, easy to grow; fine cut flowers of blue and mauve shades. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., 70c.



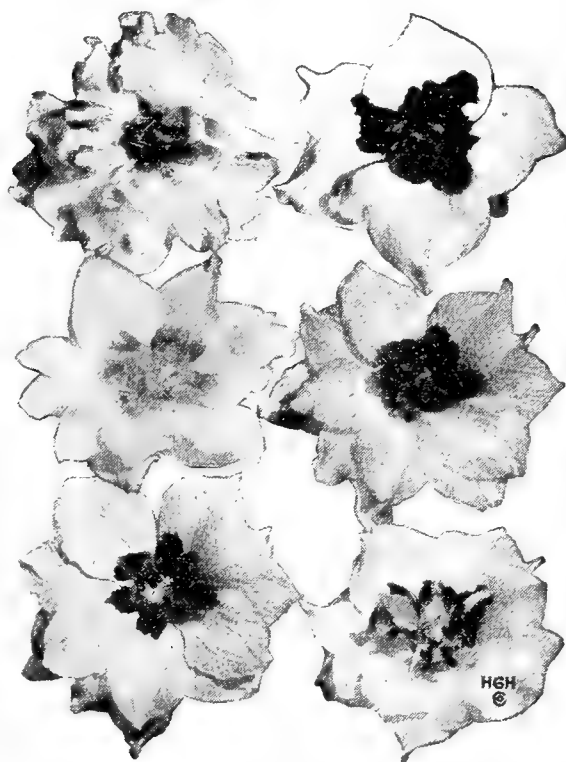
(1364) Open Flower of New Cactus Dahlia  
World's Finest Dahlias—Tubers on Pages 118, 119



(1380) Double English Daisy—Bellis Perennis  
Outdoor Grown Hardy Plants on Page 97



(1384) Shasta Daisy—Plants on Page 97



(1371) Delphinium, Individual Flowers  
Plants are listed on Page 97

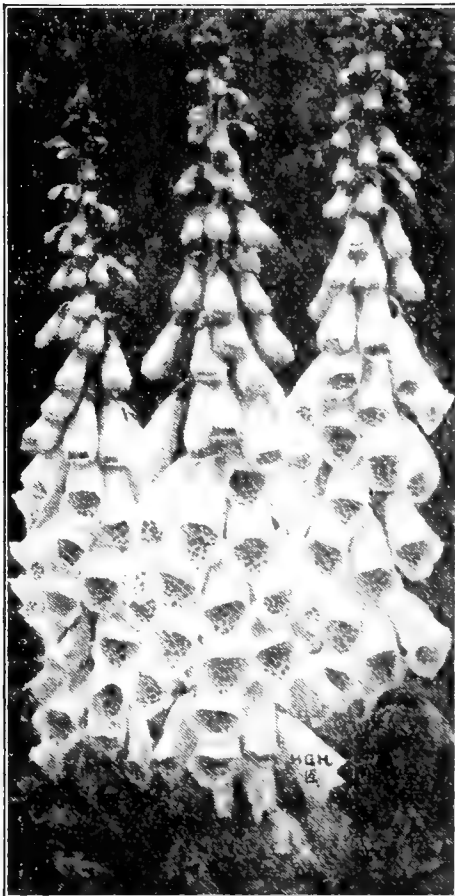


(1400) Superb Mixed Dianthus or Garden Pinks

rockery and edging, hardy sweet Pink in many colors. 4-6 in.; beauty. Packet (about 50 seeds), 50c. 250 seeds, \$1.75. 1,000 seeds, \$4.00.

**1395 CHEDDAR PINK**—Dianthus Caesius, Cliff Pink. Rosy shades; single flowers terminally in twos, 6-12 in. above grassy, stooling tufts. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**1401 CLOVE PINK**—D. Plumarius. Great ever-bloomers for hot, dry places. Large double pink, purplish and white fringed flowers on 12-in. stems above grayish, spreading tufts. Very



(1440) Digitalis or Fox Glove

## DIANTHUS — Hastings' Superb Garden Pinks

Hardy annual Garden Pinks are extremely popular all over the South for bedding, borders and cut-flowers. Stems, about 1 ft. tall, flowers often 2 inches across and leaves are narrow bright light green. Sow seed where you want plants to bloom. Cover seed ¼ inch and firm soil. When 2 inches high, thin to 6 inches apart.

**1400 HASTINGS' SUPERB MIXED**—This magnificent mixture contains all the Chinese and Japanese Pinks, having the widest range of form, color and markings. Double flowers with some fine singles. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1402 CHINENSIS DOUBLE MIXED**—All shades and colors of free flowering double China Pinks. Packet, 10c. ½ Oz., 25c. Oz., 40c.

**1406 CRIMSON BELLE**—Largest single flowers of richest glowing crimson, beautifully fringed. Japanese type. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1408 DIADEM DOUBLE PINK**—Variable tri-color appearance in lilac, purple, red shades, white and fringed edges. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1410 EASTERN QUEEN**—Large single flowers; exquisite coloring in a bizarre or marbled rose and mauve effect. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1436 FIREBALL**—Double maroon-scarlet, rich and extremely double. Called blood-red and fine with The Bride. Packet, 10c. ¼ Oz., 30c. Oz., 80c.

**1412 LUCIFER**—Lacinatus Type. Double form of Vesuvius. Fringed and demanded for fiery orange-scarlet color and large size. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

**1426 MOURNING CLOAK**—White frills. Richest velvety maroon with white petal edges in striking contrast. Very double. Packet, 10c. ¼ Oz., 25c. Oz., 70c.

**1439 NOBILIS**—(Royal Pinks). All colors of beautiful single flowering Japanese Pinks. Wide color range. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1438 PRINCESS PINK**—Punctatus Mixed. Excellent single sort; beautiful variegated. Marbled flaked and striped colors. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1428 SALMON KING**—Double laciniated type in a brilliant salmon color, changing to salmon-rose. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

**1434 SNOWBALL**—Showy double, pure white. Japanese type. Packet, 10c. ¼ Oz., 25c. Oz., 70c.

**1430 THE BRIDE**—Large, laciniated, silvery white with rosy purple eye and crimson ring. Very handsome. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1432 VESUVIUS**—Like volcano flames, fiery scarlet. Single laciniated. Packet, 10c. ¼ Oz., 25c. Oz., 70c.

## Rock Garden Pinks

Hardy Perennials. Indispensable for low borders, edging and rockeries. Tufty, spreading plants, slender grayish foliage with sheets of sweetly fragrant flowers in spring.

**1399 NEW ALPINE PINK**—D. Allwoodi Alpinus. A new gem; very dwarf

woody Alpinus. All season flowering: tufty, miniature. 4-6 in.; beauty. Packet (about 50 seeds), 50c. 250 seeds, \$1.75. 1,000 seeds, \$4.00.

**1395 CHEDDAR PINK**—Dianthus Caesius, Cliff Pink. Rosy shades; single flowers terminally in twos, 6-12 in. above grassy, stooling tufts. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**1401 CLOVE PINK**—D. Plumarius. Great ever-bloomers for hot, dry places. Large double pink, purplish and white fringed flowers on 12-in. stems above grayish, spreading tufts. Very

fragrant. Packet, 15c. ¼ Oz., 30c. Oz., \$1.30.

**1397 MAIDEN PINK**—Dianthus Deltoides. Very dwarf, dark green feathery tufts, surmounted by 6-in. stems with small single deep rose flowers. Rock and wall-garden delight. Packet, 15c. ¼ Oz., 35c. Oz., \$1.70.

**1398 SWEET WIVELSFIELD**—New Hybrid. D. Allwoodi X D. Barbatus. New greatly prized

Hardy Annual for exquisite cut-flowers; unsurpassed for borders and rock gardens. Wide range of colors, all season blooming. Larger, richer, more colors than its parent Sweet William. 1 foot tall. Packet, 25c. ¼ Oz., 40c. Oz., \$2.10.

## 1445 DIDISCUS — Blue Lace Flower

Coeruleus. Novelty annual, about 18 in. high; profuse bloomer from June to November. Fine cut-flower of exquisite pale lavender. Heads of minute flowers, on slender stems, resemble Queen's Lace Handkerchiefs. Seed slow to germinate but easily grown. Packet, 10c. ¼ Oz., 35c. Oz., \$1.00.

## 1440 DIGITALIS — Fox Glove

Hardy Reseeding Biennial. Stately, picturesque beauty, called Thimble Flower. White, yellow, rose and purple flowers, gloriously spotted. Strong, upright flower stalks with very showy blooms in May and June, 3 to 5 ft. high. Give light, rich soil in partial shade when transplanting or naturalize along stream or in edge of woods. Very easily grown. Packet, 10c. ½ Oz., 30c. Oz., 50c.

## AFRICAN GOLDEN DAISY

**DIMORPHOTHECA-VELDT DAISY**—Very showy annuals of bushy growth, 12-15 in. high, free flowering through summer and fall. Flowers close up at night. Of easiest culture in sunny places. Sow seed in place and thin, or transplant 1 ft. apart. Low, spreading growth.

**1447 BLUE EYED AFRICAN DAISY**—Ringens. New. Pure white, striking blue ring around eye. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

**1448 FINEST HYBRIDS**—Waxy, golden orange-yellow colors. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**DOLICHOS**—Hyacinth Bean. See Page 94.



(1445) Didiscus—Blue Lace Flower

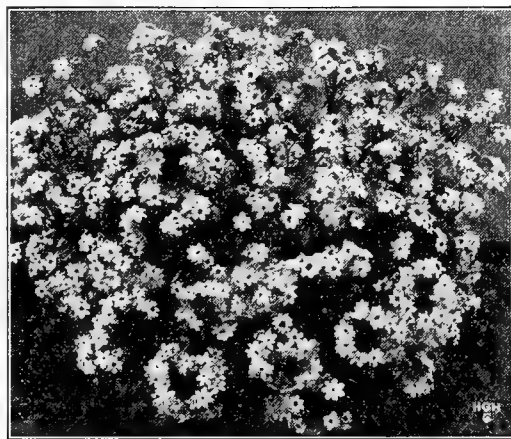


(1448) Dimorphotheca—Golden Daisy





(1455) Eschscholtzia or California Poppy



(1466) Forget-Me-Not—Myosotis

and fall with clusters of dainty blue and white flowers, doing best in a moist, shady position. This is a perennial but may need protection during the winter, especially north of Atlanta. It blooms the first year from seed. This is the National Flower of Belgium. Sow outdoors thinly as soon as ground can be worked, thinning to 5 inches apart.

**1468 ALBA**—White. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 65c.

**1466 ALPESTRIS**—Blue. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 65c.

**1467 ROSEA**—Rose-Pink. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 85c.

**1470 MIXED**—Blue, Pink and White. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 75c.

**1473 FOUR O'CLOCKS MIRABILIS**—Marvel of Peru. HA. Showy, large free-flowering hardy annual adapted all over the South. A good old-fashioned plant with erect bushy habit and brilliant tubular flowers that open about four o'clock in the afternoon and usually close by noon of the next day. They bear hundreds of white, yellow, red and violet colored flowers and some with spots, flakes and splashes of several colors. Fine for borders and backgrounds, growing about 2 feet high and blooming late in summer and fall. Sow after danger of frost in spring or transplant at that time to 2 feet apart. Packet, 10c. Oz., 25c.

**GAILLARDIA BLANKET FLOWER**—HP. Thrives even in the poorest and dry-est soils, and the plants are covered with large showy daisy-like flowers through the season. Plants are of strong, spreading growth, 2 to 3 ft. in height. The large rich colored flowers are borne singly, on long stems, making attractive cut flowers but the chief use is for the blanket or great mass of purplish crimson, orange and yellow blooms for borders, clumps or beds. These are hardy perennials, far superior to Picta or annual type. It is one of our very best Southern flowers and easily grown. Splendid bedding, border and cut-flower. Sow broadcast in fall or early spring, covering lightly.

**1474 GRANDIFLORA SUPERBA**—Choicest mixed and far superior to the Picta or annual type. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 70c.

**1472 PORTOLA HYBRIDS**—New, improved giant hybrids from the variety Portola. Heavy base-branching growth, producing long stems for cutting. Masses of golden red, yellow and gold tipped, 3 to 4 in. flowers with 1-in. centers. Very finest hybrids. Packet, 20c.  $\frac{1}{2}$  Oz., 40c. Oz., \$2.10.

**1475 THE DAZZLER**—Reselected strain of giant perennial Gaillardia. Very largest dark, rich red with bright orange petal tips; extra long, strong stems and attractive for florists and table decoration. By far the largest and most attractive Giant Red on the market today. Packet, 20c.  $\frac{1}{2}$  Oz., 40c. Oz., \$2.10.

**1479 GERANIUM** Zonale. TP. Usually grown from cuttings because it does not come true from seed. However, Geraniums grow readily from seeds and bloom in several colors the first summer. They are interesting to grow from seeds because in their development you might secure a worth-while new variety to name and introduce as your own. Packet, 25c.  $\frac{1}{2}$  Oz., 65c. Oz., \$4.10.

## ESCHSCHOLTZIA—California Poppy

HA. State Flower of California, chosen because of its brilliant display and wonderful growth. Also called **Gold Cups**. Brilliant hardy annual, makes very showy borders and beds and also pretty cut flowers when cut in the bud stage. Plants bloom profusely over a long season in any sunny location. The foliage is finely cut and blue-green in color, while the flowers are very shiny or satiny. Scatter seed thinly over the surface and rake in very lightly, where the plants are to stand, as soon as the ground becomes warm. One foot high.

**1450 SINGLE MIXED**—Cup-shaped single flowers; yellow, orange and white. Packet, 10c. Oz., 25c.

**1451 DOUBLE MIXED**—Double flowers in white and yellow. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.

**1452 DOUBLE SALMON BEAUTY**—Newest 1933 introduction. Beautiful salmon, not variable, inside and out. Exquisite color, original single form winning the Royal H. S. Award of Merit in England in 1930. Packet, 15c.  $\frac{1}{2}$  Oz., 40c. Oz., \$2.10.

**1454 GOLDEN WEST**—Single, yellow with orange center. Packet, 10c. Oz., 25c.

**1455 AURANTIACA**—Rich orange, single large flowers, the true California Poppy. Very prolific bloomer. Packet, 10c. Oz., 30c.

**1456 CARMINE KING**—Deep carmine red, cream inside. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1457 WHITE**—Single creamy white. Showy. Packet, 10c. Oz., 25c.

**FEVERFEW—Matricaria** HP. Sow seed in early spring in open ground. In fall the flowers appear in clusters on fine stems. Flowers very double and fine for cut-flowers. Thrives in ordinary soil, in sun or partial shade and blooms profusely over a long period. They have a pungent odor. Chrysanthemum-like foliage and live through the winter outdoors in the lower South.

**1462 DOUBLE WHITE**—18-in. tall, popular favorite. Pkt., 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1463 GOLDEN BALL**—8-in., double bright yellow flowers, very compact bushy plants. Pkt., 15c.  $\frac{1}{2}$  Oz., 40c. Oz., \$2.10.

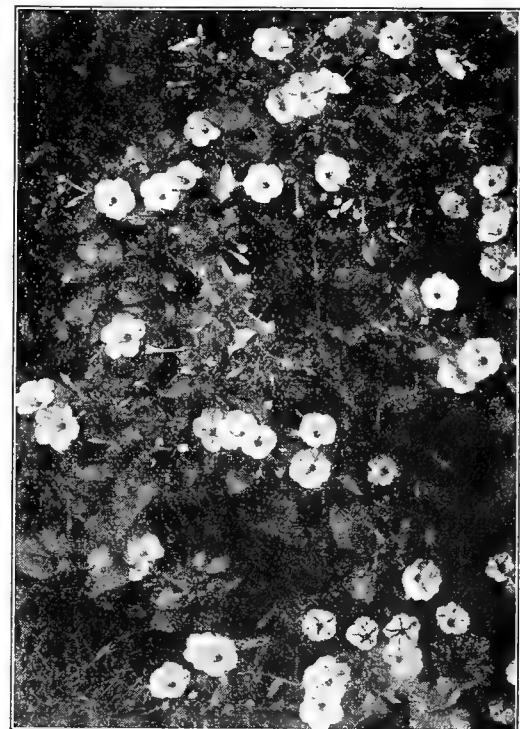
**1460 FLAX, Scarlet** HA. *Linum rubrum*. Most brilliant summer annual for beds and borders. Make successive sowings for May to October flowering. 18-24 in. tall and wide, uniform, erect, base-branching; terminal flower panicles. Glowing carmine-scarlet with a sheen, light maroon eye,  $1\frac{1}{4}$  in. flowers. Very showy. Packet, 10c. Oz., 30c.

**1459 Flax, Blue** HP. *Linum perenne sibiricum*. Valuable blue border perennial.  $1\frac{1}{2}$  in. bright light blue flowers with a sheen. 18-24 in., erect, wide base-branching plant; short bluish-gray leaves along slightly pendulous stems. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.

**FORGET-ME-NOT--Myosotis** HHP. Favorite for shady bedding and edging. Blooms profusely in spring



(1472) Gaillardia, New Imp. Portola Hybrid



(1473) Four O'Clocks—Part of Plant



(1500) Hastings' Fragrant Heliotrope



(1502) Single Hibiscus Bloom



(1520) Hunnemanian—Giant Tulip Poppy

**1481 GERBERA TRANSVAAL DAISY**—HHP. Jamesoni Hybrids. Handsomest of all daisy-like flowers and lasts longer in water than any other. Stands Southern sun and drought and likes it hot in any soil. Wiry 12 to 15-in. stems from clumps of large tufted leaves, bearing exquisite terminal daisies of light yellow, salmon, orange, rose, flame to deepest red. Spring to fall blooming. Plant the flat seeds on edge in boxes, transplanting outside after frosts. so root-crown remains above surface. Packet (25 seeds), 50c. 100 Seeds, \$1.25. 1,000 Seeds, \$8.00.

**1480 GILIA** G. Capitata. TA. Graceful for borders, garden and cut-flowers. Charming erect, bushy plants, 2 ft. high, with many lavender blue airy flower-heads on long slender stems. Dainty blue flower, now in such great demand. Most easily grown and should be in your garden. Packet, 10c. Oz., 25c.

**1486 GLOBE AMARANTH TRUE BACHELOR'S BUTTON**—Gomphrena or Straw Flower. TA. Popular old-time favorite; resembles the red clover bloom, grows 12 to 18 in. high, is very desirable for beds and is a real good everlasting. Cut the flowers when well matured and they last through the winter without water. Seeds start slowly, so soak them in warm water to soften the wooly husk. Transplant or thin to a foot apart. Colors reddish purple, white and striped, blooming all summer. Mixed—Packet, 10c. Oz., 30c.

**1484 GODETIA** TA. Beautiful azalea-like flowers on long spikes. They are excellent for cut-flowers, borders and beds. Sow in open ground, in early spring. They are profuse and constant showy bloomers, and their satiny tints of crimson, rose-pink, mauve, carmine and white make them very attractive when in full bloom. They grow 1½ feet tall and do well even on poor soil. Tall Double Grandiflora. Mixed—Packet, 10c. ½ Oz., 30c. Oz., 50c.

### GYPHOPHILA BABY'S BREATH

HA, HP. Light, airy, 2 to 3 foot plants with small foliage. Simply covered in big plummy clouds of hundreds of small delicate flowers. Indispensable for mixed bouquets and cut-flowers. Of easiest culture and thrive best in a sunny, rather dry place. Make successive sowings of the annual for blooms over a long season. The perennials bloom the first year.

**1476 PARIS MARKET-ANNUAL**—Elegans grandiflora alba. Beautiful, free flowering, improved, largest flowering variety and in great demand. Misty white panicles of pure white, miniature blooms. Packet, 10c. Oz., 25c. ¼ Lb., 75c.

**1477 PANICULATA—PERENNIAL.** Used by all florists and one of our finest hardy plants for border and cut-flowers. Single, miniature, white flowers in clouds of bloom. Sow seed in early spring or fall. Packet, 10c. ½ Oz., 25c. Oz., 40c.

**1478 REPENS ROSEA**—Perennial. Exquisite rockery or edging plant. Wide spreading, moss-like foliage, 3-in. high, surmounted by rounded star shaped ¾-in., delicate flesh-pink flowers on 6-in. stems. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

### 1490 HELICHRYSUM

**EVERLASTING OR STRAW FLOWER**—HA. This beautiful flower is easily grown, 2½ ft. tall, with waxy lavender, white, pink, yellow and red flowers which last for months after being cut. For table center-pieces and cut flowers they are invaluable because they retain their brilliance of color, stand rough handling and need no water. Cut with long stems when blooms are a third open, strip off foliage, tie in bunches and hang heads down in a dark, dry place to cure and they last much longer. Set plants or thin to a foot apart in any garden soil. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1495 HELIOPSIS LEMOINI-ORANGE SUNFLOWER**—HP. Beautiful, fully double "Cut and Come Again." Golden Glow-like florists' cut-flower. Some flowers are semi-double, all attractive; 3 to 4 in. across, on 4 ft. erect plants. Deep orange-gold, passing lemon yellow. Splendid garden subject, far surpassing all other types. Packet, 25c. ¼ Oz., 55c. Oz., \$3.10.

**1500 HELIOTROPE** TP. Garden favorite. Start seed in February, in boxes in warm, sunny situation, covering seed about ¼ inch. When danger of frost is past, transplant in partially shaded location. A single spray of the deliciously fragrant flowers will perfume a whole room. 18 to 24 in. tall, for borders and beds. It usually stands Southern winters with slight protection. Dark Blue, Light Blue, White and Rose Shades, Mixed. Packet, 10c. ¼ Oz., 30c. Oz., \$1.35.

**1502 HIBISCUS ROSE MALLOW OR MARSHMALLOW**—Mixed Colors. Grows 2 to 5 feet high, branching freely. Large showy, single flowers, 3 to 5 inches across, are white, pink, red and white with crimson eye. These can be grown in pots or tubs and kept blooming all winter as well as summer—anywhere the temperature is above 50°. See illustration. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1520 HUNNEMANIA GIANT YELLOW TULIP POPPY**—Bush Eschscholtzia-Fumariaefolia. Rich, bright yellow, 3-inch, terminal Tulip shaped flowers with crepe petals on slender 12-inch stems. Feathery, glaucous foliage, on bushy, branching plants, 2 feet high. Oily seeds, taking 6 weeks to germinate so start after soil is warm or in hot bed. Easily grown, quick to bloom, bloom until frost; cut-flowers last 2 weeks. Packet, 10c. ½ Oz., 35c. Oz., 60c.

### EVERLASTINGS—Strawflower Collection---25c

For drying and keeping in perfect bouquet condition for months. One Packet Each of Globe Amaranth and Helichrysum, described above, Zeranthemum (Page 91)—and Statice (Page 90). The 4 popular and finest, easily grown, free blooming annual Strawflowers—cut-flowers to last all winter. 40c value, 25c.



(1490) Helichrysum—Everlasting Flower



(1516) Hastings' Double Chater Hollyhocks

**HOLLYHOCKS** Hardy Perennial. Our Double Hollyhocks are far superior to the old single and semi-double sorts. Once established they grow and bloom freely for years. Sow in early spring, in boxes or beds; when 6 to 8 in. high, transplant  $1\frac{1}{2}$  to 2 feet apart. Give rich soil in a moist location, or where water can be given and they will grow 5 to 8 feet tall. The beautiful long spikes filled with tissue paper-like blooms, 3 in. across, crushed closely together, give a beautiful and artistic background or tall border. There could hardly be an old-fashioned garden without them. You cannot find a more beautiful flower for the garden.

**1507 TRIUMPH HOLLYHOCKS**—Mixed Colors. Immense new fully double, wavy, fringed flowers. Newest, greatest Hollyhocks. Packet, 15c.  $\frac{1}{4}$  Oz., 40c. Oz., \$2.10.

**1510 DOUBLE MIXED**—The finest double Chater varieties. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., \$1.10.

**1512 DOUBLE SCARLET**—Deep rich double crimson flowers. Packet, 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.50.

**1513 DOUBLE MAROON**—Beautiful rich double maroon. Packet, 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.50.

**1514 DOUBLE SALMON ROSE**—A rich and rare shade. Packet, 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.50.

**1515 DOUBLE SULPHUR YELLOW**—Exquisitely beautiful. Packet, 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.50.

**1516 DOUBLE NEWPORT PINK**—Looks like crepe roses. Packet, 15c.  $\frac{1}{4}$  Oz., 30c. Oz., \$1.50.

**1508 SINGLE MIXED**—Blooms like annual in 4-5 months from seed. Packet, 10c. Oz., 35c.

**HOP, JAPANESE**—Humulus. See Vines. Page 94.

**HYACINTH OR JACK BEAN**—Dolichos. Page 94.

**ICE PLANT**—Mesembryanthemum. See Page 94.

**IVY, KENILWORTH**—Linaria. See Page 95.

**1524 JOB'S TEARS** Coix Lachrymae. Curious ornamental grass with broad, corn-like leaves and lustrous slate colored seeds used for beads. Many babies use necklaces of these beads to aid in cutting teeth. Valuable for winter bouquets with everlasting flowers. Sow in hills 3 ft. apart, 4 or 5 seeds in a hill, cover half-inch, in early spring. Hardy annual, 3 ft. high. Packet, 10c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00.

**1536 KOCHIA--SUMMER CYPRESS** A splendid and novel plant. An easily grown annual suitable for all parts of the South.

**Mexican Burning Bush** Sown thinly in spring when leaves begin to appear on the trees, it soon forms a cypress-like hedge of symmetrical form and of lively green color; by midsummer it attains a height of about 3 feet and on approach of cool weather the whole plant becomes a deep red. One of the most novel and interesting plants that can be grown. This is the newest and finest Kochia, Trichophylla Childsii. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c.

**KUDZU VINE**—Jack-and-the-Bean-Stalk. See Vines, Page 95.

**LATHYRUS**—Hardy Perennial Sweet Pea. See Vines, Page 95.

**1540 LANTANA** FRENCH HYBRIDS. Shrubbery verbena-like plants; continuous bloomers of fragrant heliotrope-like clusters of flowers that change color and then green berries that turn deep blue. It delights in the warm sunshine of Southern summers. Sow early in boxes or sheltered beds, transplanting after danger from frost to open ground,  $1\frac{1}{2}$  to 2 feet apart. Grows 2 feet high. French Hybrids, Mixed—Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 65c.

**LARKSPUR** Annual Delphinium See Hardy Delphiniums on Page 77. H.A. Annual kinds are called Larkspur and perennial sorts Delphinium.

With their long clustered spikes, these annuals are especially desirable for cut flowers, beds and borders. Hastings' varieties are the tallest. Double, Branching Stock Flowered strain. Giant Hyacinth Flowered is almost as tall, 36 inches, with heavy, compact spikes. Sow in early spring, thinly in shallow drills and thin to a foot apart.

**1542 GIANT HYACINTH FLOWERED**—Wonderful new type, earliest and largest of all; blooms in 3 months; one giant, heavy spike per plant. 2-3 feet. Mixed colors. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., 80c.

**1544 TALL BRANCHING MIXED**—Most popular type; 2 weeks later than 1542; 3-4 ft. tall; all colors of double, stock-flowering Larkspurs. Special formula mixture. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1545 DARK BLUE**—Richest and deepest Larkspur blue. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1549 LILAC**—Nice tall light blue, lightening on ageing to almost white. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1551 PURE WHITE**—Fine tall white; better than light shades. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

**1552 ROSY SCARLET**—Really a beautiful deep rose color. Tall. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.

**1543 SKY BLUE**—Called Bright Violet but is Ageratum blue. Tall. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.

#### NEW GIANT IMPERIAL GROUP

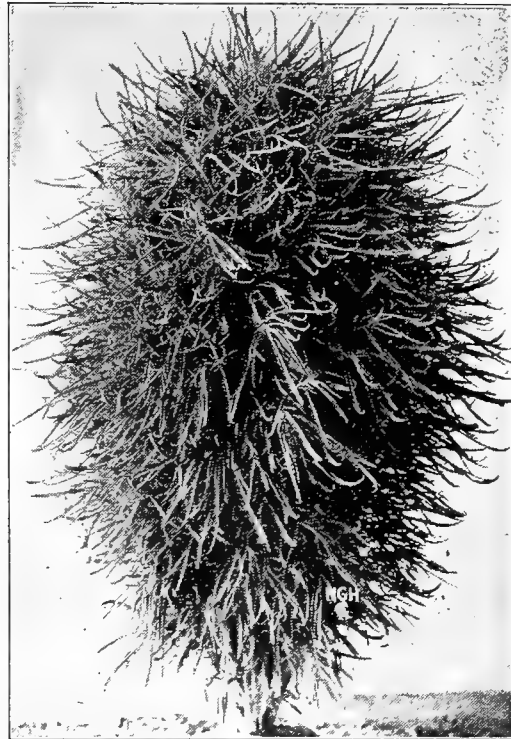
Newest type, base-branching, tall Larkspurs with giant flowers and spikes on uniformly longest stems for cutting—the florists' delight.

**1546 BLUE SPIRE**—Florists' ideal deep Oxford blue, with wonderful new base-branching habit. Packet, 20c.  $\frac{1}{4}$  Oz., 35c. Oz., \$1.70.

**1548 EXQUISITE PINK IMPROVED**—Soft pink, shaded salmon. Award of Merit, Royal Horticultural Society. Packet, 15c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

**1547 GLORIA**—New 1932 novelty. Rich deep rose with no trace of carmine. Packet, 25c.  $\frac{1}{4}$  Oz., 40c. Oz., \$2.10.

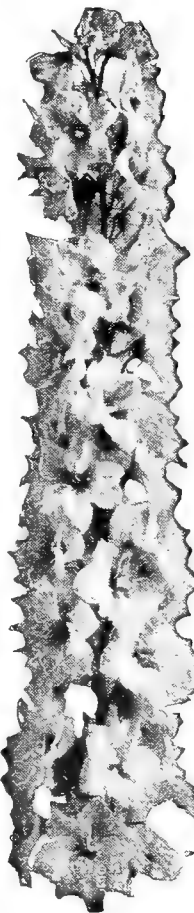
**1526 LILY, REGAL** Easy to grow from seed and flowers the second year, although it is best to pinch off buds to make larger bulbs. more and larger flowers in succeeding years. Does well in partial shade or where soil is mulched with pea, leaves or straw to keep the soil cool and moist. It likes sun but a cool soil. Sow seeds in bed, frame or box. Small bulbs form after a season's growth, which may be set out in rows from November until spring the second season. Considered the most beautiful of all Lilies. Packet, 25c.  $\frac{1}{4}$  Oz., about 500 seeds, 40c. Oz., \$2.10.



(1536) Kochia or Burning Bush



(1540) Lantana—French Hybrids



(1543) Tall Larkspur





(1529) Lupines—For Bedding or Cutting

when leaves of trees are out in early spring. The illustration here shows the French type, which has smaller leaves but many flowers while the Double African type is the largest of all, a free bloomer and 50% to 60% come perfectly double. They are all hardy annuals and stay in bloom until frost.

**1569 GUINEA GOLD**—Highest Ranking Gold Medal Winner, 1932-1933 All-American Selection. 2 ft. or taller, pyramidal growth, 30 to 40 semi-double, golden orange flowers, 2 to 2½ in. across, practically 100% without single flowers. Quite distinct flower form and without pronounced Marigold odor. Early sowing is recommended. The outstanding new novelty. Packet, 25c. ¼ Oz., 40c. Oz., \$2.10.

**1553 TALL DOUBLE AFRICAN**—Fistulosa Type. Finest of all Marigolds. 2 feet tall, branching strain, bearing enormous flowers of the quilled type in shades of yellow and orange. 50-60% come double. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1556 LEMON QUEEN**—Fistulosa. Tall double African type; largest, richest yellow. Superb and a great favorite everywhere. 50-60% fully double. Packet, 15c. ¼ Oz., 25c. Oz., \$1.10.

**1557 ORANGE PRINCE**—Fistulosa. Enormous, double quilled and richest orange. Tall double African Marigold. 50-60% fully double. Packet, 15c. ¼ Oz., 25c. Oz., \$1.10.

**1568 AFRICAN LEMON—ALL DOUBLE**—Identical with Lemon Queen, except practically 100% perfectly double. New 1932 Introduction. Packet, 25c. ¼ Oz., 55c. Oz., \$3.10.

**1558 AFRICAN ORANGE—ALL DOUBLE**—Identical with Orange Prince, except practically 100% fully double, greatest advance in Marigolds. New 1931 Novelty. Packet, 25c. ¼ Oz., 55c. Oz., \$3.10.

**1555 TALL FRENCH**—Smaller flowers but more colors and forms than African. Packet, 10c. Oz., 35c.

**1554 DWARF FRENCH**—10-12 in. high, small highly colored flowers. Pkt., 10c. ½ Oz., 25c. Oz., 40c.

**1566 TAGETES**—Signata Pumila. Extra fine; small 1-in. single golden yellow scented flowers blanketing the dwarf, spreading plants. 6-8 in. high and 18-24 in. across. Packet, 15c. ¼ Oz., 25c. Oz., \$1.10.

**1567 PERENNIAL TAGETES**—Sweet Scented Marigold, Lucida. Quite unlike Marigolds; myriads of small ¾ in. gold, 3-petaled flowers, in huge umbels; great for cutting. Dark green leaves. Grows wild in Mexico where it is called Santa Maria. Packet, 25c. ¼ Oz., 40c. Oz., \$2.10.

## 1559 MATTHIOLA BICORNIS

ers, 1-in. wide. Odd gray-green foliage, 2 ft. high, long curious seed pods with double horn-like ends. Flow-



(1555) Hastings' French Marigolds—Brilliant Assorted Colors

**LINARIA** Charming, easily grown annuals and perennial Snapdragon-like flowers and more dainty and artistic. The spikes make delightful cut-flowers, on fine, long stems. Easily grown and deserve wide popularity.

**1535 ANNUAL—MAROCCANA HYBRIDS**—Exquisite hardy annual, blooming in 8 weeks from seed. 12-18 in. high, like miniature Snapdragons with Columbine-like spurs. Shades of mauve, carmine, lavender, rose, royal purple and gold, usually with cream or yellow centers. Erect single spike with glaucous leaves. Packet, 10c. Oz., 30c.

**1537 PERENNIAL—YELLOW SNAPDRAGON**—Macedonica speciosa. Rich citron-yellow; 3-5 ft., crown-branching plant; long, slender or willowy spikes, grayish foliage. Flowers are as large as ordinary Snapdragons. Hardy, free flowering cutting and border plant. Blooms first year from early seeding. Packet, 25c. ¼ Oz., 45c. Oz., \$2.50.

**1550 LOBELIA ERINUS HYBRIDS**—Edging or border plant, suitable also for pots or hanging baskets. Sow seed in open ground in April. Flowers, ½ in. across, are white and blue with lighter centers and borne in neat clusters that stay in bloom a long time. Annual growing 6 inches high. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

**LUPINES**—Annual varieties. Hartwegi type, are free-flowering, easily grown, with long, beautiful spikes of rich and various colored pea-shaped individual flowers. They grow about 2 feet high, prefer partial shade and especially valuable for mixed borders, beds and for cut-flowers.

**15290 HARTWEGI GIANTS**—New 1932-1933 All-American Selection, Award of Merit. 3 to 4 ft. tall, base branching, 4 to 6 long flower spikes per plant, 25 or more larger flowers per spike than regular Hartwegi type. Dark blue, sky blue, rose and white. Mixed. Packet, 25c. ¼ Oz., 40c. Oz., \$2.10.

**1529 HARTWEGI MIXED**—All colors, Annual Lupines. Packet, 10c. Oz., 30c.

**1530 NANUS BLUE**—Bicolor rich blue, white tips. Dwarf and best, the native California Lupine or Blue Bonnet. Packet, 10c. Oz., 30c.

## 1531 Texas Blue Bonnet NATIVE LUPINE

—Native Texas and Southwestern Lupine, reseeding itself each year. Nice, long terminal spikes of light blue, making fine cut-flowers as well as beds. Most easily grown and popular through the South. Packet, 10c. Oz., 30c.

## MARIGOLDS

Free flowering, garden favorites, doing splendidly all over the South. The new and improved types are far superior to the small flowers of old forms. Sow seed thinly in open ground



(1560) Mignonette

ers emit a fragrant odor in the evening to perfume your yard. Cannot be called beautiful with grayish foliage and soft colored flowers but is worth growing for its fragrance. Pkt., 10c. Oz., 25c.

**1560 MIGNONETTE RESEDA ODORATA**—The pure sweet scented Mignonette, delightfully fragrant and very popular. No garden is complete without this fragrant, yet unassuming plant. One of its principal uses is for cutting and combining with more showy flowers in bouquets to give a delightful fragrance. Hardy annual; 1 foot high; dense cone-shaped flower spikes of white, yellow and red shades. Notice the illustration. Packet, 10c. Oz., 25c.

## 1562 MONKEY FLOWER MIMULUS TINCTORIA

—Showy, profusely flowering plant, fine for indoors or moist, shady situations. Blooms first year from seed into many peculiar flowers. Spotted and tigered varieties mixed in colors ranging through white, pale yellow, golden, flesh, rose, crimson and maroon. The dwarf bushy plants have large gloxinia-like flowers and do best in partial shade. Packet, 15c. ¼ Oz., 35c. Oz., \$1.85.

## 1565 HASTINGS' MIXED ESPECIALLY FOR CHILDREN

have made a mixture of nearly 100 annual flowers. In this you get continuous bloom from early spring until late fall, something new and surprisingly beautiful every day. Make your flower bed in earliest spring. Sow the seeds carefully and nature does the rest. If you have never tried these mixed flower gardens do so this year. Large Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00.

**MESEMBRIANTHEMUM**—Ice Plant. See Page 94.

**MOONFLOWER**—Ipomeas. See Vines on Page 95.

**MORNING GLORY**—Convolvulus. See Page 95.



(1597) Nigella

**1581 AFFINIS WHITE**—Most showy and sweetest. Packet, 10c. ½ Oz., 25c. Oz., 40c.**1582 AFFINIS HYBRIDS**—Grandiflora mixed; velvety shades of pink, white, lavender and carmine red. Packet, 10c. ½ Oz., 25c. Oz., 45c.**1597 NIGELLA LOVE IN A MIST, DEVIL IN THE BUSH**—Also known as Lady in the Green because the flowers are partly concealed by the finely cut foliage. The blooms are of good size and odd in shape, surrounded by a very dense fringe or wreath of mossy fibers, making them extremely attractive and we might say curious looking. Hardy annual; requires little care in any garden soil and the flower colors are blue and white. You will like this compact growing, free-flowering plant with curious looking seed pods. Grows about 18 inches high. Blue and White. Mixed—Packet, 10c. Oz., 25c.**1599 OENOTHERA EVENING SCENTED PRIMROSE**—O. Lamarchiana. 3 to 4 ft.; large plant with a profusion of very rich yellow, large mallow-like blooms that towards evening emit a very noticeable perfume. Large branching shoots, spikes with 2, 4 or 6 flowers open at a time. Packet, 10c. Oz., 25c.**OXALIS WOOD SORREL**—Rock garden, pot, basket and low edging, tender perennial herbs with beautiful clover-like leaves, which close at night (Plants thickly starred with small, bright rose and yellow flowers from June until frost.) Sow thinly in pots or in drill for low edging.**1598 ROSEA**—Delicate pink and deep rose flowers. Packet, 25c. 1/16 Oz., \$1.60.**15980 TROPAEOLIDES**—Creeping; yellow flowers; purple leaves. Pkt., 15c. 1/16 Oz. 40c.

## HASTINGS' PANSIES

Pansies have long been a very popular favorite and they make delightful beds. For proper results you must start with good seeds. The finest Pansies are shy-seeders, as a rule, and that accounts for the difference in price of the different types.

Prepare your bed deeply and well and level it. Soil with a proportion of leaf mold and decayed cow manure gives best results. The seeds germinate in about 10 days and must not dry out during this period; laying newspapers over the bed prevents drying out. Thin out when large enough, or transplant to nine inches apart in rows and cultivate frequently, allowing no weeds or grass in the bed. During dry weather, water the bed daily, in extreme drought twice a day. About the first of September is the best time to sow Pansy seeds for early spring blooming, allowing the plants to go into the winter in vigorous condition. They need only light protection to stand our winters.

**1600 FRENCH MIXED**—Our mixture of a large assortment of the better common varieties. This contains a wide range of colors. Packet, 10c. ¼ Oz., 30c. Oz., 90c.**1601 TRIMARDEAU MIXED**—A mixture of the best Giants varieties. Especially satisfactory. Flowers well formed, of large size, in a great variety of color; finest Trimardeau strain. Packet, 15c; 2 Packets, 25c. ¼ Oz., 35c. Oz., \$1.60.**1604 HASTINGS' EXHIBITION**—With Swiss Giants, largest and finest exhibition strains in the world. These huge Pansies are the wonder of everyone who sees them. They are simply immense and whether for home or florists' use, you will know these are wonderful. Especially selected for many light colors, mammoth, round form and largest flowers known. Packet, 40c. ¼ Oz., \$1.25. Oz., \$8.00.**1605 ROGGLI SWISS GIANTS**—Greatest Pansies yet. Gigantic size, perfectly round, fine substance. Sensation wherever shown. Packet, 35c. ¼ Oz., 95c. Oz., \$6.35.**1602 DWARF SWISS GIANTS**—Newest and best of all Pansies. 1932-1933 All-American Selection, Award of Merit. Same huge round flowers as Hastings' Exhibition and Roggli Swiss Giants together with dwarf, compact plants. These don't get "leggy" like other Pansies, always looking neat, and the largest, best color assortment. Only a pound of seed in existence. Packet, \$1.00. 1/16 Oz., \$3.00.**PASSION FLOWER**—Passiflora. See Vines on Page 95.**1607 PENTSTEMON SENSATION IMPROVED**—Perennial; Beard Tongue. Great new French Hybrids; vigorous grower, very floriferous. Flowers first year if planted early. Largest flowers and spikes and closer placed than other strains. Gloxinia-like, brilliantly colored and edged trumpet blooms in shades of pink, carmine, violet, rose and white; 2 ft. tall; newest and best. Packet, 25c. ¼ Oz., 65c. Oz., \$4.10.**1608 PENTSTEMON, BLUE GEM**—HP. Slender, 15-18 in., erect, broad base branching plants, with 1 in., metallic blue, tubular flowers. Splendid cutting and great rock plant. Different from large-flowered type. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

## NASTURTIIUMS

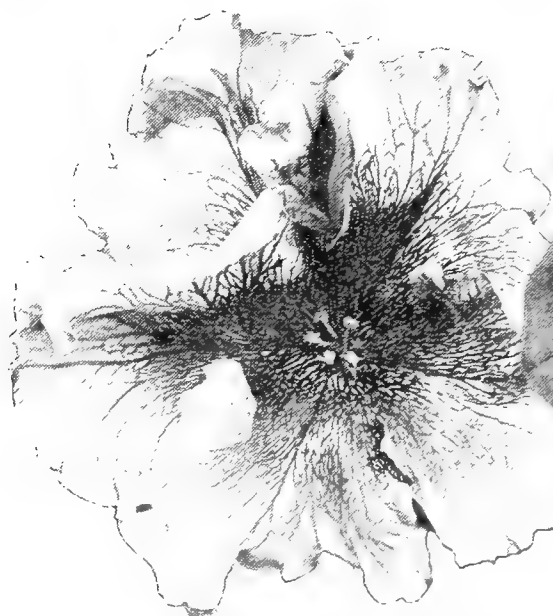
These may be termed everybody's flower. No flower garden is complete without them. Perfectly at home in all parts of the South; they furnish a never failing display of brilliant bloom all through the season. Sow in any good garden soil, when leaves are well out on the trees, scattering the seed thinly. When well up thin out the tall sorts six inches apart, and ten inches for the dwarf varieties. No such brilliant range of shades and colors has ever been seen before in Nasturtium mixtures. They please every one who plants them and are sure to satisfy you. Nasturtiums are as easily grown as any other flower and the dwarf varieties make the most beautiful beds, borders, edging and porch boxes, while the tall varieties are unsurpassed to cover stumps, flower stands and low fences.

**1584 BEAUTY**—Yellow and Scarlet. Bi-color; green foliage.**1585 EMPRESS OF INDIA**—Deep Scarlet. Bronzy foliage.**1589 GOLDEN KING**—Clear Golden Yellow. Bronzy foliage.**1586 KING THEODORE**—Purple Garnet. Bronzy foliage.**1587 SPOTTED KING**—Indian Yellow with Red. Dark green.**1588 VESUVIUS**—Salmon Rose. Beautiful; bronzy foliage.**EACH**—Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.**1591 NEW DOUBLE—GOLDEN GLEAM**—Gold Medal Winner, 1932-1933 All-American Selection. Also winner of many awards in England and Europe. The outstanding novelty of a decade. Sweet Scented, semi-double, richest clear deep yellow. Vigorous bush, profusely flowering in blaze of color. Large 2½ in. flowers on erect, 6 in. stems, held above foliage. Few 12-18 in. flowering runners. Packet, 25c. ½ Oz., 40c. Oz., 70c. ¼ Lb., \$2.50.**1595 HASTINGS' TALL MIXED**—All shades and colors of the tall growing varieties; only large flowering varieties. You will find this the best balanced mixture in colors and the largest flowers grown. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., 95c. 5 Lbs., \$3.50.**1590 HASTINGS' BUSH OR DWARF. MIXED**—Flowers large, gorgeous and brilliant. All shades and colors of dwarf growing varieties. There is no better mixture than this. Plant a plenty. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., 95c. 5 Lbs., \$3.50.**NICOTIANA SWEET SCENTED TOBACCO PLANT**—Very easily grown annual with Petunia-like, trumpet flowers with long tubes. Profuse bloomers all summer; bushy, branching plants, 2-3 feet high, flowering in clusters. Delightfully sweet-scented. Start seeds in boxes.**1591 NEW DOUBLE—GOLDEN GLEAM**—Gold Medal Winner, 1932-1933 All-American Selection. Also winner of many awards in England and Europe. The outstanding novelty of a decade. Sweet Scented, semi-double, richest clear deep yellow. Vigorous bush, profusely flowering in blaze of color. Large 2½ in. flowers on erect, 6 in. stems, held above foliage. Few 12-18 in. flowering runners. Packet, 25c. ½ Oz., 40c. Oz., 70c. ¼ Lb., \$2.50.

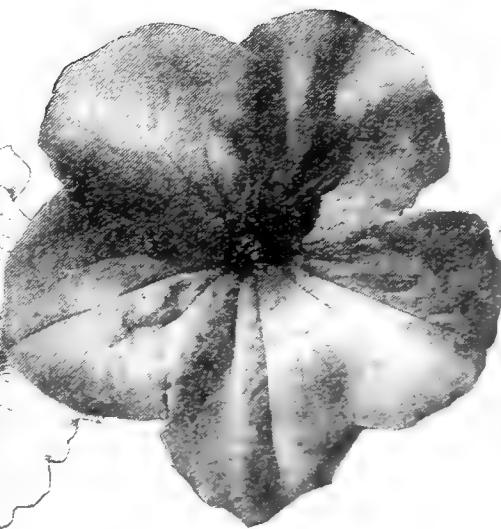
(1590) Hastings' Nasturtiums



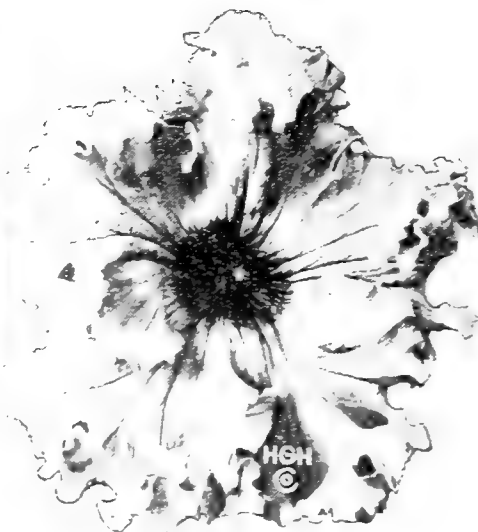
(1604) Hastings' Royal Exhibition Pansy



(1628) Dwarf Giants of California



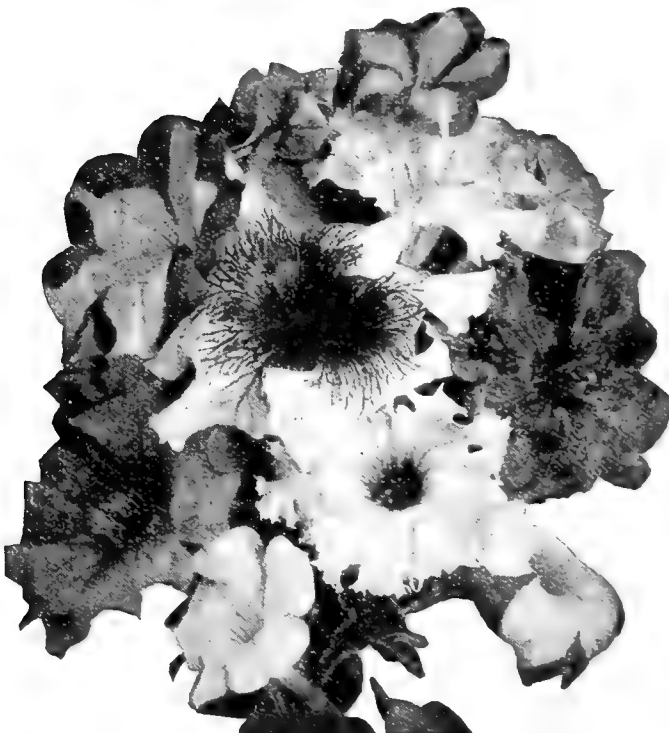
(1627) Plain Petalled—Elk's Pride



(1626) Fimbriated—Theodosia



(1614) Rosy Morn—Dwarf Pink Petunia



Picture of Hastings' Petunias—Single Varieties Mixed

## FINEST PETUNIAS

Petunias are very popular in the South; easily grown, and make most beautiful flower beds of showy colors. No garden is complete without them. They are tender, perennials; heat, rain, drought do not affect them. These varieties produce their handsome, sweet-scented flowers in delicate and gorgeous colors throughout the whole summer and can be cut back and transplanted in pots or boxes to take indoors during the winter.

Sow the small seeds in a warm, sunny, open place outdoors, thinning to 15 inches apart, or in frames for transplanting. Scatter seeds thinly, barely cover and firm soil; water seedlings with a fine spray to prevent drying out.

### SINGLE PLAIN PETALLED PETUNIAS

**1609 HASTINGS' DE LUXE BEDDING MIXTURE**—Finest bedding Petunias. Large flowers, gorgeous colors, striking effect. New, easily grown, many with wavy blooms. We believe this is the richest bedding mixture in existence. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

**1610 FORMULA MIXED**—Solid colors. Balanced formula mixture of good varieties without the most costly. Packet, 10c. ¼ Oz., 35c. Oz., \$1.70.

**1611 STRIPED AND BLOTCHED**—Howard's Star; irregular purple-violet with striking white stars. Packet, 10c. ¼ Oz., 30c. Oz., 90c.

**1617 BALCONY BLUE**—Viola Improved. Fine, rich, large, pendulous. Wonderful window box variety. Packet, 25c. 1 16 Oz., 80c. Oz., \$6.10.

**1616 BALCONY WHITE**—No finer white. Like Balcony Blue in extra large size and grandest display. Packet, 20c. ¼ Oz., 65c. Oz., \$4.10.

**1618 GENERAL DODDS**—Velvety blood-red or light rich purple. Striking and very beautiful. Packet, 10c. ¼ Oz., 30c. Oz., \$1.30.

**1623 PURPLE PRINCE**—Very deep violet; large and wavy flowers. Richest Royal color. Packet, 25c. 1 16 Oz., \$1.75. ¼ Oz., \$3.40. Oz., \$25.00.

**1619 ROSE OF HEAVEN**—Dwarf; rich rose-pink and most exquisite shade in Petunias. Very profuse. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

**1614 ROSY MORN**—Dwarf; pink with white throat. Most popular variety of all. Small flowers; selected. Packet, 15c. ¼ Oz., 55c. Oz., \$3.10.

**1625 SILVER BLUE**—Dwarf; Rosy Morn type. Very silvery, beautiful new light blue. Entirely distinct. Packet, 15c. ¼ Oz., 45c. Oz., \$2.50.

### NEW GIANTS, FIMBRIATED AND FRINGED PETUNIAS

Most wonderful Petunias in existence—but, they are for large, beautiful specimens, seed is very expensive, packets are small and they are not for ordinary planting. Sow carefully in boxes to transplant.

**1628 DWARF GIANTS OF CALIFORNIA**—Highest blotched flowers on erect, bushy plants. Pkt., about 300 seeds, 50c. 1 64 Oz., \$1.75. 1 16 Oz., \$6.00.

**1627 ELK'S PRIDE**—Largest, deepest blue-violet. Wavy edges; rather compact plant. Packet, about 300 seeds, 25c. 1 32 Oz., \$1.75. 1 16 Oz., \$3.40.

**1622 PRIDE OF PORTLAND**—Rose-pink, veined white throat. Large, lacy, fringed. Packet, about 300 seeds, 25c. 1 32 Oz., \$1.75. 1 16 Oz., \$3.40.

**1624 SCARLET BEAUTY**—Scarlet-rose, big veined throat. Large, heavily laced. Packet, about 300 seeds, 25c. 1 32 Oz., \$1.75. 1 16 Oz., \$3.40.

**1626 THEODOSIA**—Largest fimbriated; rosy pink, wide golden throat. Packet, about 300 seeds, 50c. 1 64 Oz., \$1.50. 1 16 Oz., \$5.20. ½ Oz., \$40.00.

**1612 FLUFFY RUFFLES**—Single fringed in pink and rose shades. Includes the finest and largest of new Fimbriated Type. They are glorious. Packet, about 300 seeds, 25c. 1 32 Oz., \$1.75. 1 16 Oz., \$3.40. ½ Oz., \$25.00.

**1613 GIANT DOUBLE FRINGED**—About 65% come double and semi-double. Those that come single are highly colored and blotched. Small Packet, about 100 seeds, 50c. 500 Seeds, \$1.50. 1 64 Oz., \$6.25.

**2 for 1 SPECIAL SALE** Due to an extra fine seed crop and surplus stocks on 5 varieties, we offer 2 packets for the price of 1 (any sized packets listed) on these 5 varieties only as long as seed lasts. 1612 Fluffy Ruffles Mixed, 1624 Scarlet Beauty, 1623 Purple Prince, 1627 Elk's Pride, and 1628 Dwarf Giants of California.



# ANNUAL PHLOX

**PHLOX DRUMMONDI GRANDIFLORA.**  
Extremely Popular All Over the South.

Easiest grown annual. Magnificent display of brilliant flowers. Plants are hardy, bushy annuals, growing 1 ft. high and particularly attractive in masses and ribbon beds of striking or contrasting colors. Our mixtures contain the whole rainbow of colors, many with variations of stripes, eyes and veins. Probably no other flower produces such a wonderful range of colors and such a continuous supply of attractive flowers. Our separate varieties are chosen as the finest and largest of their colors.

Annual Phlox grow most easily on most any type of soil, quickly giving a mass of beautiful bloom. If seed pods are removed, they continue to flower until killing frosts. They are also useful for boxes and make splendid cut flowers. Broadcast seed as soon as soil can be worked, cover  $\frac{1}{4}$  in. and firm soil. Thin to 4 in. apart. A sunny position is desirable. May be started early indoors or outside in fall for earliest flowers. Phlox are easily grown anywhere and are welcome for most any purpose. **Perennial Phlox Plants are on Page 103.**

**1635 BRIGHT SCARLET**—Really a fiery scarlet; free bloomer. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.

**1636 LILAC**—Often called light blue; very pretty. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.

**1637 PRIMROSE**—Soft shade of light yellow. Pkt., 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.

**1638 ROSE**—The richest pink and a beauty. Pkt., 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.

**1639 FLESH PINK**—Carnea variety, delicate shell pink. Packet, 10c.  $\frac{1}{8}$  Oz., 30c. Oz., \$1.50.

**1631 GRANDIFLORA MIXED**—Large flowers, twice the size of the common type; borne in large clusters. It is well worth the slight difference in price to have the greater brilliancy of display. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.

**1632 CUSPIDATA—STAR**—All colors in star-shaped flowers, petals pointed. Many with stripes and contrasting eyes. Packet, 10c.  $\frac{1}{4}$  Oz., 25c. Oz., \$1.25.

**1633 NEW DWARF MIXED**—Small plants growing 6 to 8 inches high, literally covered with trusses of large brilliant flowers. When in full bloom the beds are a mass or blanket of showy colors. Packet, 20c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.30.

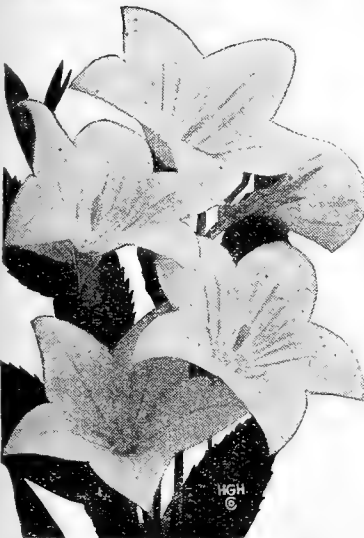
**1634 HARDY PERENNIAL PHLOX**—Decussata. Difficult to grow from seed, which may stay in soil a year before growing. See Page 103 for Hardy Phlox Plants. Herbaceous; mixed. Packet, 25c.  $\frac{1}{8}$  Oz., 70c. Oz., \$4.60.

**PHYSALIS CHINESE LANTERN PLANT—HP.** Ornamental variety of Winter Cherry. 2 ft. high, bushy plants with many clusters of bright orange-scarlet, flaming lantern-like fruits, which may be cut and dried for winter decoration. Besides the natural fiery color, they may be dipped in dye or paint for any other colors desired. Small yellow and brown flowers; fruits usually form the second year. Easily grown from seed. Give good soil in sun or light shade. See Page 103 for plants and picture.

**1642 PHYSALIS FRANCHETI**—Richest everlasting ornamental. A money maker, too. Pkt., 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

(1640) Physostegia

(1645) Pyrethrum—Painted Daisy



(1647) Platycodon—Bell Flower

## 1640 PHYSOSTEGIA Or False Dragon Head

**HP. Virginica.** Easy to grow and beautiful. Blooms from July to Sept., exquisite tall spikes of orchid-pink, tubular flowers. Fine for cutting, lasting 7-10 days in water. Foliage fine and abundant; plants grow 3 ft. high. Vigorous growth, spreading rapidly. Prefers rich, moist soil; thrives in sun or partial shade; sow in early spring or fall. Called Obedient Plant as flowers remain as turned. Packet, 15c.  $\frac{1}{8}$  Oz., 45c. Oz., \$2.50.

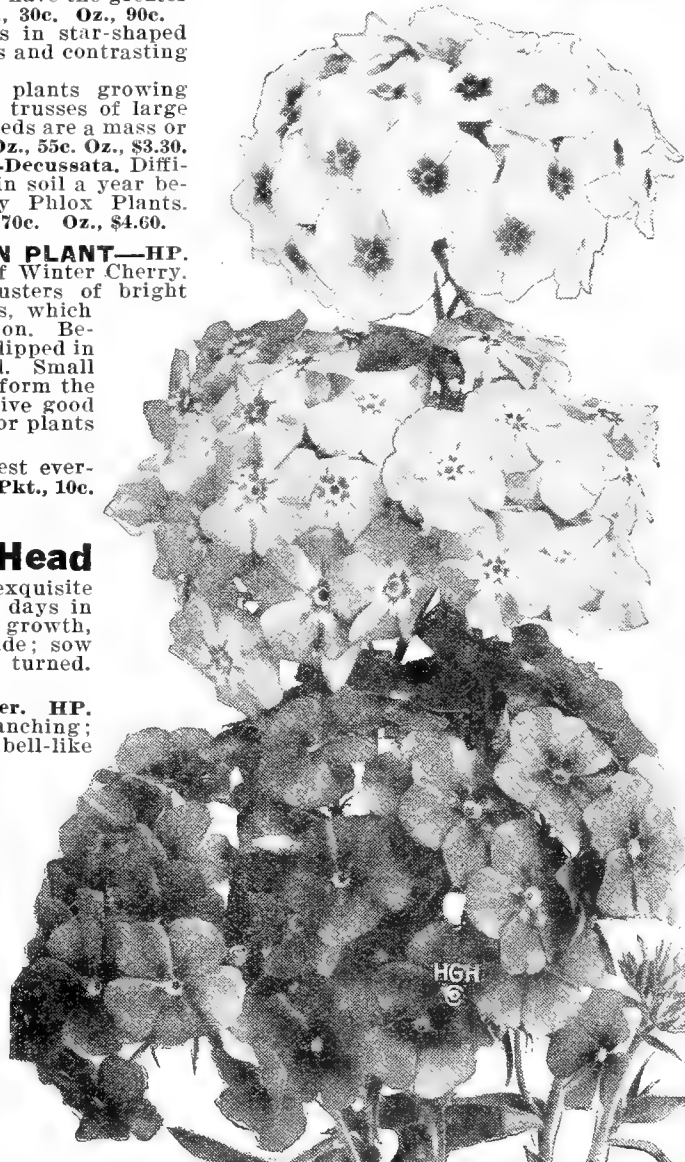
**PLATYCODON CHINESE BELL FLOWER—Balloon Flower. HP.** Closely allied to Canterbury Bells. 2 ft. high, branching; produces quantities of balloon-like buds which open to 2 $\frac{1}{2}$  in. Chinese bell-like flowers, finally opening almost flat. May to October blooming; lasting cut-flowers on stiff stems. Give good soil in sun or part shade.

**1646 BLUE GRANDIFLORUM**—Large, showy, rich blue flowers, 2 to 3 inches across. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

**1647 WHITE GRANDIFLORUM**—Largest, white flowered companion to the blue. Packet, 15c.  $\frac{1}{8}$  Oz., 45c. Oz., \$2.60.

**1645 PYRETHRUM PAINTED DAISY—Perennial; Roseum Hybrids.** Small percentage of double and semi-double flowers but mostly beautiful, single flowers. Lacy fern-like foliage, 2 ft. plant with 1-2 ft. spread. Many 18 to 24 inch wiry stems with slender petalled daisies 3 in. across are produced in shades from white and pink to deep rose and crimson. Much prettier than Daisies; long lasting cut-flower; blooms April-May and often in September. Very finest strain. Packet, 25c.  $\frac{1}{8}$  Oz., 55c. Oz., \$3.10.

**1690 RICINUS—Castor Oil Bean** (Ornamental Mixed)—Palma Christi. Large tropical plants, grown for highly ornamental foliage. A plentiful supply, grown near houses, is said to keep away mosquitoes. Plant in open after ground gets warm, 3-4 ft. apart. This is the bean from which castor oil is made, but do not eat the raw beans. 5-10 ft. high; fine for massing or center plants in beds. The beans are brilliantly colored. Packet, 10c. Oz., 20c.  $\frac{1}{4}$  Lb., 60c. Lb., \$1.75.



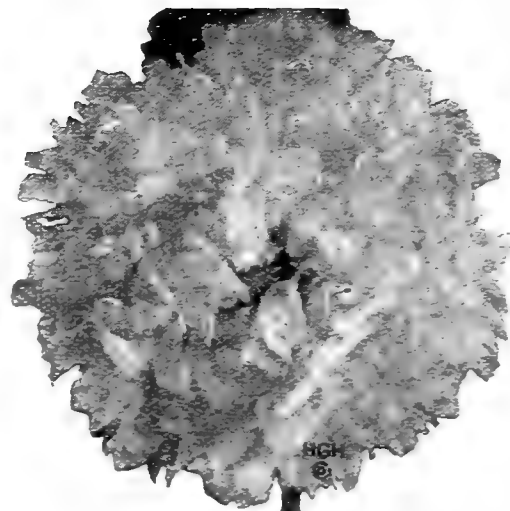
(1631) Annual Phlox—Easiest Grown Flower



(1675) New Eldorado, Double Shirley Poppy



(1660) Tall Carnation Flowered Poppy



(1662) Tall Peony Flowered Poppy

## POPPIES FOR ALL

**PAPAYER.** These well-known flowers are extremely in favor all over America and in Europe as well. They just naturally do well and bloom profusely in the South. The single and double varieties are equally desirable for beds, masses and borders. The flowers are noted for their large size, delicacy of tissue and their wide range of bright, dazzling colors.

Sow the seed as soon as you can work the soil in the spring where the plants are to stand. The annuals do not stand transplanting. Broadcast the small seeds thinly or drill in rows 16 inches to 2 feet apart, covering lightly. When well out of the ground, thin out to about 10 inches apart. Cut the flowers regularly, not allowing seed pods to form, to insure continuous blooming over a long season.

### DOUBLE FLOWERING POPPIES

**1675 ELDORADO—DOUBLE SHIRLEY**—Exquisite new Ryburgh Hybrids; double flowering form of Shirley Poppies at their best. Free flowering, annual. Packet, 10c. Oz., 30c.

**1654 TALL CARNATION FLOWERED MIXED**—Double, large fringed flowers in a great range of colors: white, red, pink, violet and yellow shades. Packet, 10c. Oz., 25c.

**1656 BRIGHT ROSE**—Really a bright salmon-pink, tall carnation flowered, double fringed, easy to grow and grand display sort. Packet, 10c. Oz., 30c.

**1657 HELIOTROPE**—Very attractive coloring of lilac to violet. Distinctive, tall, fringed, double Carnation type; something very rare in colors. Packet, 10c. Oz., 30c.

**1658 MIKADO**—Not quite as tall as other Carnation flowered but of striking red with white stripes. Very pretty contrasting rich colors. Packet, 10c. Oz., 30c.

**1660 WHITE SWAN**—Also called The Bride. Purest and most beautiful white. Tall, double, fringed, graceful Carnation Poppy. Packet, 10c. Oz., 30c.

**1662 TALL PEONY FLOWERED MIXED**—Same as Carnation type except petals are not fringed. This is our mixture of all colors. Packet, 10c. Oz., 25c.

**1666 CARDINAL RED**—Best red of Peony type but not entirely fixed as to color, excellent, however. Packet, 10c. Oz., 30c.

**1665 SHRIMP PINK**—Hastings' introduction. Beautiful large, rich, colorful pink of Peony type. This is one of the finest of all annual Poppies. Packet, 10c. Oz., 30c.

### SINGLE FLOWERING POPPIES

**1672 SHIRLEY MIXED**—Very large single flowers in the newest delicate colors and combinations. Most popular Poppies grown. Packet, 10c. Oz., 25c.

**1652 AMERICAN LEGION**—Glaring rich scarlet with white Maltese cross in center. Large single Shirley flowers; most showy of all. Superb. Packet, 10c. Oz., 35c.

**1680 TULIP**—Glaucous. Intense scarlet, with black blotch at base of petals; single Shirley tulip or cup-shaped flowers 2 inches across. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1674 WILD ROSE**—Beautiful rose-pink or wild rose; exceedingly popular Shirley and the delicate color makes it great. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1650 HASTINGS' SUPERB MIXED**—Gorgeous is the only word that can describe the brilliancy of a bed of our Superb Mixed Poppies. They contain all the famous varieties, both single and double annual Poppies of the Shirley. Regular Single. Tall Double Carnation Flowered and Tall Peony Flowered Double types, in the widest range of color and shape. Packet, 10c. Oz., 25c.

### PERENNIAL POPPIES

**1676 ICELAND POPPY**—Nudicaule Single. One ft. tall; bright green tuft of fern-like foliage. Charming cup-shaped flowers of yellow, white and orange are profuse all season, on slender, leafless stems. Packet, 10c. ¼ Oz., 35c. Oz., 90c.

**1677 DOUBLE ICELAND**—Double flowering form; otherwise same as Single; extra fine. Packet, 15c. ¼ Oz., 40c. Oz., \$2.00.

**1678 EL MONTE ICELAND**—New giant hybrid of deep tangerine orange on long wiry stems; double size of others. Finest yet. Packet, 20c. ¼ Oz., 55c. Oz., \$3.10.

**1661 ORIENTALE PERENNIAL**—New Giant Hybrids of great popularity. Immense red, salmon and pink shades, 6 inches across. One of the most showy garden perennials and in great demand. Packet, 15c. ¼ Oz., 35c. Oz., \$1.75.

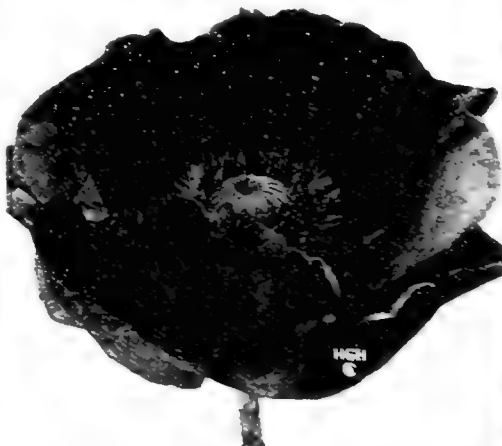
**PORTULACA--Sun Plant** Luxurious free-flowering tender annual with richest colors of great brilliancy for beds, borders and edgings. Easily grown and cared for, yet blooms freely all through the summer. This exquisite little creeping plant grows about 6 inches high and is frequently used for covering rock-work and sunny banks, when the seed is sown broadcast. Colors range through orange, rose, scarlet, white, yellow and striped. The plants have thick, fleshy stems tinged with red and small quill-shaped leaves that are as interesting as the glossy cup and rose shaped flowers.

**1648 SINGLE MIXED**—Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1649 DOUBLE MIXED**—Packet, 10c. ¼ Oz., 35c. Oz., \$1.00.



(1672) Shirley Poppy



(1661) Immense Perennial Oriental Poppy



(1648) Portulaca or Sun Plant



(1683) Rudbeckia—Purple Cone Flower



(1685) Salpiglossis or Painted Tongue



(1691) Salvia or Scarlet Sage

cut-flowers of an exquisite bright rose color. **Remember Your 25% Commission** We have no agents, so you may select 25c worth of seeds extra for each \$1.00 worth paid for. See Page 69.

**RUDBECKIA—Cone Flower** There are several types of Rudbeckias. The popular hardy Golden Glow doesn't produce seeds so we offer plants on Page 103. The hardy perennial Purple Cone Flower is one of the most useful border plants, easily grown and makes fine cut-flowers. Seed may be planted in early spring or fall. The free-flowering annual variety, Bicolor Superba, is also daisy-like with splendid flowers for cutting. The centers or cones do not stand out so prominently nor the petals reflex as in the perennial. Rudbeckias are coarse plants, easily grown and stand neglect in any soil in the sun, doing better in good soil.

**1684 BICOLOR SUPERBA—ANNUAL**—Free flowering, bright golden yellow flowers with velvety brown disc or eye; 2 feet high. Packet, 10c. ½ Oz., 35c. Oz., 60c.

**1683 GIANT PURPLE CONE FLOWER—PERENNIAL**—*Purpurea grandiflora*. Very showy, 4 inch. reddish or rosy purple flowers produced all summer on long stems. 3 feet. Effective cut-flowers. Packet, 10c. ½ Oz., 30c. Oz., \$1.30.

**1685 SALPIGLOSSIS PAINTED TONGUE**—Aptly called the Orchid of hardy annual flowers. As shown by the picture, each Petunia-like flower is veined with a glint of gold and the rich and beautiful contrasting colors are exquisite. It is undoubtedly one of our most attractive annuals. Flowers are large and fancifully veined in bright crimson, black, pink, violet, golden yellow, light blue, purple, scarlet and velvety red base colors with many in two-color combinations. Plants grow 2 to 2½ feet high and are covered with Gloxinia-like, tube-shaped flowers that make splendid cut-flowers. Start seeds indoors or in a hotbed for transplanting 12 inches apart outdoors when frost danger is past or sow outdoors when warm. Grandiflora mixed. Packet, 10c. ½ Oz., 25c. Oz., \$1.10.

**1691 SALVIA—SCARLET SAGE BONFIRE**—Universally popular. A strong grower and free flowering beauty, bearing long spikes of intense scarlet bloom from midsummer till frost. It delights in the warmest, sunniest situations. Sow seed after trees are in full leaf and the ground is warm, but may be started earlier in boxes in sunny windows, and transplanted as soon as the soil is warm. A bed of Salvia will give a perfect blaze of scarlet. Salvia is admirably adapted for glowing red beds, borders and sunny porch and window boxes. 2-4 feet high. Packet, 10c. ½ Oz., 30c. Oz., \$1.50.

**1692 Blue Salvia** **PERENNIAL**—*Azurea grandiflora*. HP. Long slender spikes of pretty sky-blue flowers in profusion all summer. 2-3 ft. tall, greatly admired and lasts several years. Try it. Packet, 20c. ½ Oz., 55c. Oz., \$3.10.

**1686 SANVITALIA CREEPING MINIATURE ZINNIA**—Double Procumbens. Dwarf compact, very spreading annual, 3 to 6 in. high, with small, 1-in. perfectly double, showy flowers of richest deep yellow—resembling miniature exhibition Dahlias. Blooms in 6 weeks, lasts all summer; useful for masses, beds, edging, baskets and boxes. Packet, 10c. ½ Oz., 30c. Oz., \$1.30.

**1687 SAPONARIA VACCARIA ROSE**—Attractive, quick flowering, 24-in. bushy, branching plants; long, wide leaves beneath flower panicles of large ¾-in., glorified Gypsophila-like flowers. Artistic, airy cutting flowers of glistening rosy pink cover top of plant. Make successive sowings for a continuous supply. This is a delightful quick bloomer. Packet, 10c. Oz., 25c.

## SCABIOSA—Pin Cushion

Sweet Scabious; Mourning Bride. Very attractive old-fashioned flower, producing a great profusion of beautiful flowers over a long season. The double flowers are pin cushion shaped, 2-3 inches across. The richly colored, fragrant blossoms on long stems make it very desirable for beds, borders and for cut-flowers. Sow seed as soon as ground can be worked, or earlier in boxes indoors to transplant 1½ feet apart when soil is warm. Hardy annual growing 3-3½ ft. high.

**1701 AGERATUM BLUE**—Azure Blue. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1703 CHERRY RED**—Very rich. Pkt., 10c. ½ Oz., 30c. Oz., 50c.

**1702 FLESH PINK**—Delicate tone. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1706 LOVELINESS**—Glorious new color, shades of delicate salmon-rose. Packet, 15c. ½ Oz., 35c. Oz., \$1.60.

**1704 SULPHUR YELLOW**—Glowing. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1705 SNOWBALL**—Pure white. Pkt., 10c. ½ Oz., 30c. Oz., 50c.

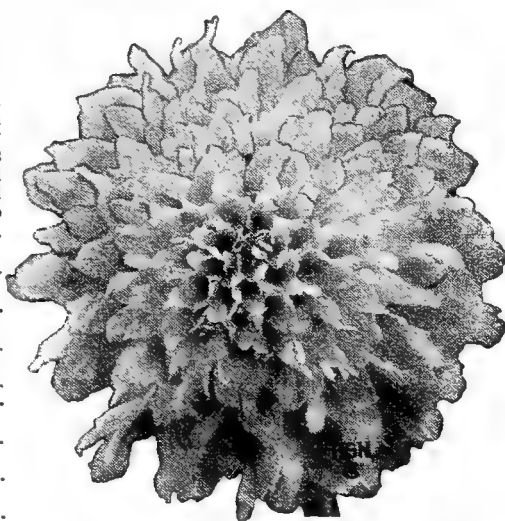
**1700 MIXED**—All colors. Packet, 10c. ½ Oz., 25c. Oz., 45c.

**1709 SCABIOSA COLUMBARIA PINK**—HP. Bright silvery pink. 18-24-in. base branching, bushy plants. 2½-in. delicately laced and frilled, exquisite semi-double flowers on long slender stems. Pkt., 15c. ½ Oz., 55c. Oz., \$3.10.

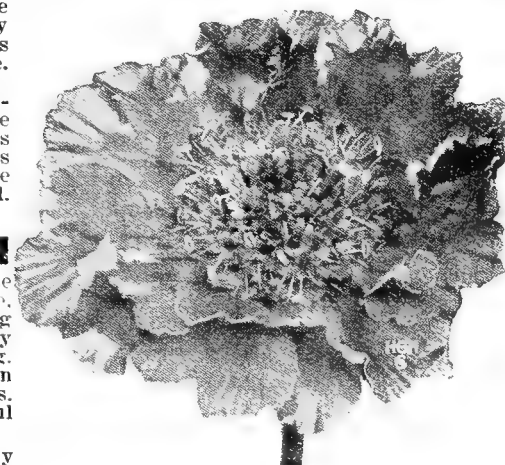
**1707 NEW GIANT CAUCASICA HYBRIDS**—HP. Isaac House Strain. Double size of Caucasica; wavy, laced, frilled petals for most delicate and exquisite 3-4 in. flowers imaginable—like huge light to deep mauve snowflakes. The greatest advance of all. Packet, 25c. ½ Oz., 80c. Oz., \$5.10.

## 1715 SILENE FORTUNE!

**CATCHFLY**—HP. Most attractive deep rose or deep lavender-pink, single Dianthus-like, 1¼ inch flowers on 2 to 3 ft., base branching plants in late summer. Light, grayish, finely cut, curled foliage. Extremely free-flowering. We don't believe any other seedsman in America offers this striking Chinese species. It is a fine border plant and makes delightful



(1705) Scabiosa—Pin Cushion Flower



(1709) Hardy Perennial Scabiosa





(1767) Early Flowering Sweet Pea—Fair Maid

## EARLY FLOWERING SPENCERS

Especially adapted to the lower South for outdoor planting and for florists for greenhouse culture. They bloom a week or ten days sooner than regular Spencer Sweet Peas planted at the same time, and bloom almost as freely. The Early Flowering type is the newest thing in Sweet Peas and great strides have been made in the last few years in giving it the most beautiful of all color shades.

Our 15c Packets contain full ¼ Oz. net of seeds.

**1760 AMETHYST**—Royal Purple. Wonderfully rich color; large flowers on long stems. Needed to go with so many light colors. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1761 AVIATOR**—Dazzling Crimson-Scarlet. Outstanding variety of its color and one of the world's best. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1766 BLUE BIRD**—Violet Blue. Bright, brilliant mid-blue; vigorous, free flowering, long stems, giant flowers. Best of its color. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1767 FAIR MAID**—Blush Pink. Beautifully suffused salmon; exquisite and new. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1768 GLITTERS**—Cerise. No other variety can compare in richness, brightness and fiery effect; glitters and scintillates. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1762 EARLY GRENADIER**—Fiery Scarlet. Glowing Poppy-scarlet; very striking; large and wavy petals; fine stems. New beauty. Packet, 15c. Oz., 50c. ¼ Lb., \$2.25. Lb., \$7.00.

**1769 HARMONY**—Lavender. Beautiful clear lavender, vigorous and free flowering. Best of its color. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1770 LOVELINESS**—Light Pink. Suffused soft pink, edges picoté rose-pink. Free flowering and strong growing. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1771 SNOWSTORM IMPROVED**—White. By far the finest white. Extra large, boldly waved, flowers in fours on long stem. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1763 VALENCIA**—Bright Orange. Sunproof. Has what other oranges lack—size, stem length and great vigor. New. Packet, 15c. Oz., 50c. ¼ Lb., \$2.25. Lb., \$7.00.

**1772 ZVOLANEKS ROSE**—Giant Rose Pink. Finest selected strain of the finest of all Sweet Peas. Nothing else as good. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1765 Hastings' Early Flowering Mixed** All Colors. Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. These are all Early or Winter Flowering Spencer Sweet Peas, the newest race or type. Finest Formula Mixture of Newest and Most Beautiful Varieties. Packet, 15c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$3.75.

# Hastings' Sweet Peas

**Culture** Plant from December to March in rows. Stake or run vines on wires. For long flowering, dig rows out 12 inches deep, fill in 6 inches with well-rotted manure and soil mixed, drop seeds and cover 2 to 3 inches, gradually filling trench as growth starts. Be sure to plant at least a few rows and keep on cutting the flowers as they open so they will keep blooming longer. To grow the largest flowers, plant early in good soil worked deep, run rows north and south if possible, remove the early growth of all but two branches and thin plants to at least 8 inches apart. Water thoroughly when needed. Culture directions are on each package. One ounce plants 50 feet of row.

**LATHRYUS**—Hardy Perennial Sweet Pea. See Pages 95 and 99.

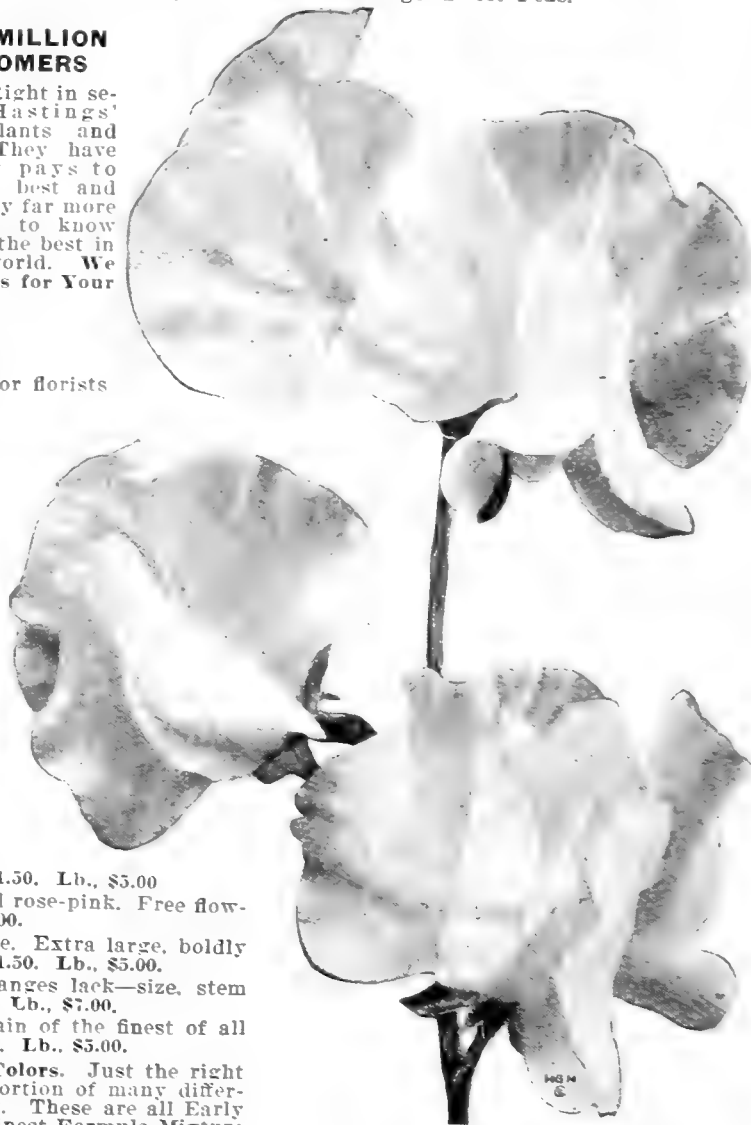
## HASTINGS' SWEET PEA VARIETIES Are The Finest Sweet Peas In All The World

There are several thousand varieties of Sweet Peas that have been introduced or known. Most of them have been discarded today and it is interesting to know that Abbe Gregor Mendel, discoverer of the Mendelian theory of plant and animal life, first worked on Garden Peas and then on Sweet Peas. The new type and finer varieties have only been known in recent years and each year seems to bring new varieties from the famous hybridizers to cast aside some of the older ones that are not as large, nicely formed nor as pretty. It is our business to try the new ones as they appear and select for you the varieties that do exceptionally well outdoors in the South. We list the best, as we see it, of each color in each type, and our mixtures are of many varieties, many grown as separate named varieties of the newer introductions to give you as fine a selection of colors and worth-while varieties as you can obtain. Our Sweet Pea grower is a world-famous hybridizer of Sweet Peas and has won many Gold Medals, Certificates of Merit and other awards all over America and also in England and Scotland at the Royal Horticultural Society and other Shows.

You can grow the finest exhibition blooms with the proper care and have the finest outdoor displays also with Hastings' Sweet Peas.

### HALF MILLION CUSTOMERS

Must be Right in selecting Hastings' Seeds, Plants and Bulbs. They have found it pays to plant the best and it is surely far more satisfying to know you have the best in all the world. We grow seeds for Your Success.



(1771) Early Flowering Sweet Peas

# SPENCER SWEET PEAS

This is the most popular type of Sweet Peas of today. They produce the largest flowers and on the longest stems. They take most all the prizes at the shows and give the greatest satisfaction with flower growers. The Early Flowering Spencers are also Spencers but a little earlier to bloom and so are really a new type. They are indispensable to florists and are excellent for the lower South but the regular Spencers, listed on this page, are the dominating type, the finest kinds of today. New varieties of great charm and beautiful form are being developed and introduced each year. The exquisite colorings of this year's list are the best yet and we believe you will find that we list the very best variety to date of each color. These Sweet Peas will do best in your flower garden and the finest blooms are grown from these varieties. No list of Sweet Peas is better than these varieties.

**1724 AUSTIN FREDERICK IMPROVED**—Lavender. Giant in size, wavy and a beautiful soft or bright, rosy lavender. Easily best of its color. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1727 CHARITY**—Richest Crimson. The best and largest of all crimsons; doesn't burn like other reds. Bold fine flowers on long stems. New. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1725 COMMANDER GODSALL**—New Dark Blue or deep violet blue. Flowers large, of heavy substance; attractively waved and fluted; produces mostly four-flowered sprays. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1726 CONSTANCE HINTON**—Mammoth White. Finest and largest white; huge wavy petals, vigorous growth, long stems; black-seeded. Beautiful. Slightly tinted. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1729 EDNA MAY IMPROVED**—Pure White. Purest of all whites, large flowers on long stems. A Sweet Pea you can be proud to grow. Extra fine. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1728 GRENADIER**—Geranium Red. Richest and best red, a cerise. Stands sun and is a brilliant fine wavy flower that commands attention. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1731 HAWLMARK PINK**—Deep Salmon Pink. Unsurpassed for exhibition or garden cutting. Large well-waved blooms. Wings bright rose pink; standard lighter and toned salmon. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1732 HEAVENLY BLUE**—Clear Blue. New delphinium-blue of large size and great substance. Clearest and best of all blue shades. Exquisite. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1734 ILLUMINATOR**—Salmon Cerise. Richest salmon orange, overlaid with cerise pink, sparkling in effect. Large and luminous. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1735 MARY PICKFORD**—Cream Pink. Most beautiful and greatest publicity received of all Sweet Peas. Dainty coloring, huge flower of great substance, long stems. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1736 MATCHLESS**—Cream. Best of all cream or so-called yellow Sweet Peas. Frilled, wavy flowers, vigorous grower, nice stems. Deep color. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1747 PICTURE**—Deep Cream Pink. Gigantic blooms of beautiful flesh pink, suffused creamy apricot. Charming waved flowers; very robust. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.



(1735) Spencer Sweet Pea—Mary Pickford

**1733 PINKIE**—Large Rose Pink. Rich, clear, deep rose pink with large standard; well proportioned; long, stiff stems. Best clear pink. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1748 ROYAL PURPLE**—Best Purple. Strong grower and very floriferous, excellent for exhibition and garden. Color improves with age. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1740 SENATOR**—Chocolate and claret striped and flaked on light heliotrope ground. Fine waved Spencer and odd coloring. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1739 SUNSET**—New bright rose on amber ground, a very beautiful new variety and distinctive rose coloring. Exceptional. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1741 TANGERINE IMPROVED**—New Glowing Orange. The finest orange Sweet Pea yet introduced. Be sure to try this wonderful variety. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1750 THE CARDINAL**—Intense Poppy Scarlet. New and striking rich color, the writer's choice of all scarlets. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.50.

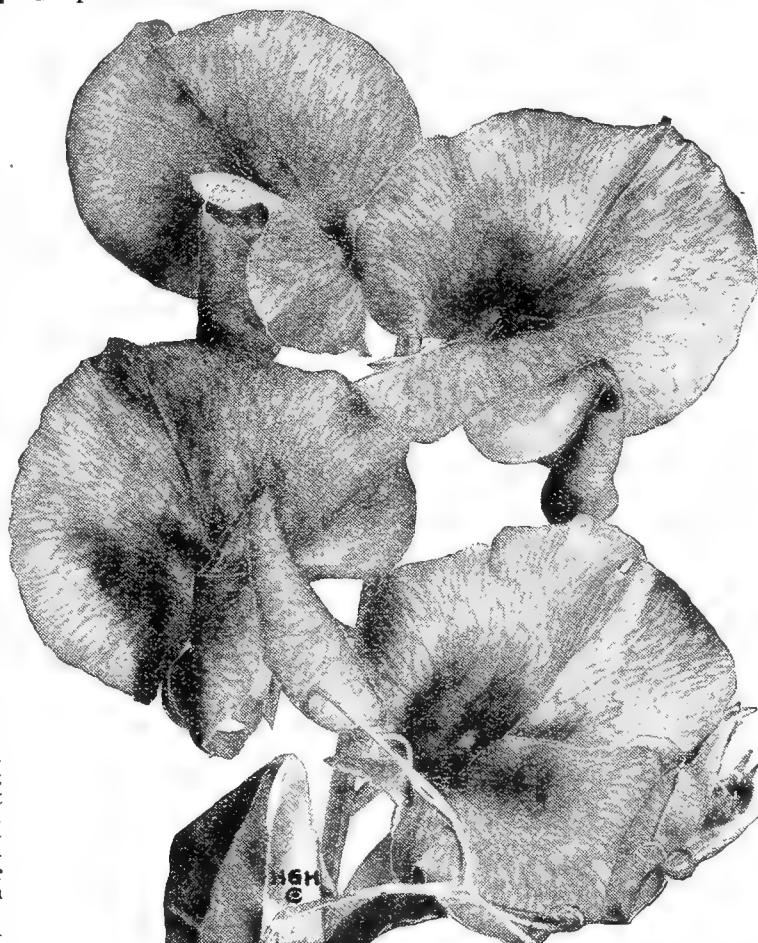
**1752 THE LADY EVELINE**—Rosy Mauve. Best and finest rich deep lavender or mauve color to be found. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1754 VALENTINE**—Blush. This pink blush should be in every garden. Fine, vigorous grower; exquisite waved form. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1756 WARRIOR**—Deep Maroon. Mahogany with bronzy cast; large, fine flowers and easily best of dark colors. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

**1758 YOUTH**—Picotee. Large pure white with beautiful pink picotee edges. Outstanding picotee, easily best. Grand. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 70c. Lb., \$2.25.

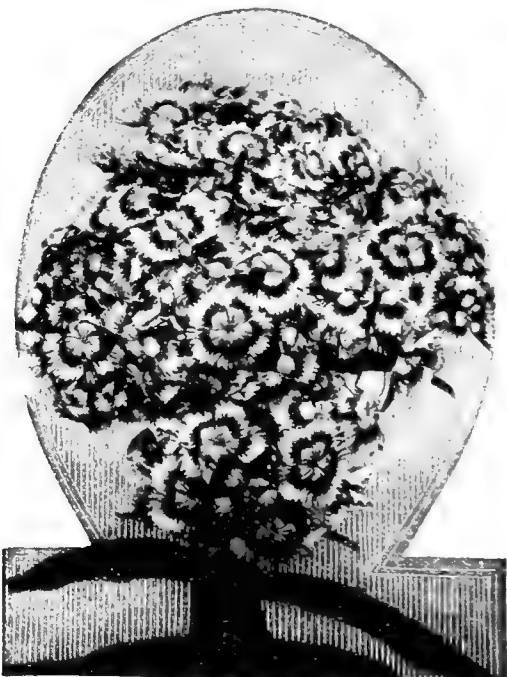
**1720 Hastings' Mixed Spencers** This superb mixture is a beautiful blend of only the largest and brightest colored Spencer Sweet Peas. It includes all the above named varieties and standard Spencers of merit and many late novelties now being introduced. This we believe is the finest assortment and most pleasing and harmonious blend ever found in Sweet Peas or any other flower. It contains the most delightful array of colors you can imagine and the large, wavy and fluted flowers are orchid-like in appearance. This is a Formula Mixture for a perfect blend and tasteful color proportions. We believe it the world's finest mixture. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 65c. Lb., \$1.95. 5 Lbs., \$8.00.



(1728) Geranium Red Spencer Sweet Pea—Grenadier



(1698) Giant Perfection Branching Stocks



(1775) Sweet William—Double Coloring



(1777) Tithonia—Dazzling Mexican Sunflower

**STATICE EVERLASTING OR STRAWFLOWER—**

Easily grown annual everlasting or strawflower, useful in rock gardens and borders. Flowers in racemes on long graceful stems. Sow indoors or in hotbeds and transplant to sunny, dry location outdoors after frosts. 2 to 2½ ft. high; shades of blue, lavender, pink and white. See special offer, bottom of Page 80.

**1688 ANNUAL SINNUATA MIXED—**Annuals, all colors. Packet, 10c. Oz., 25c.

**1689 PERENNIAL CASPIA—**New latifolia type; finest of all. Delicate, artistic, earliest bloomer and more huge sprays. Exquisite bouquet filler with or without drying. Color is lilac or light mauve; lacy, airy foliage. Pkt., 20c. ¼ Oz., 55c. Oz., \$3.10.

**STOCKS EARLY GIANT IMPERIAL AND GIANT PERFECTION.**

The Stock (or Gilliflower) is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and for long blooming it is unsurpassed. These give you many blooms all during the summer and early fall. You could hardly find a more pleasing diversity of brilliant colors nor a more satisfactory annual than our Giant Flowering Stocks. Our percentage of doubles equals the best European pot-grown strains. Stocks are a great specialty with us and you won't find better strains the world over, whether for florists' use or home gardens. These two types are the largest flowering and only kinds for good cutting on long stems. They are '12-weeks' Stocks.

**1699 FIERY BLOOD RED—**Most expensive and worthy Stock. Improved Bismark or Early Giant Imperial type. New, meritorious. Packet, 25c. ¼ Oz., 70c. Oz., \$4.50.

**1696 LAVENDER—**Giant Imperial. Largest of all. Packet, 20c. ¼ Oz., 65c. Oz., \$4.10.

**1697 ROSE—**Deep rose-pink. Giant Imperial. Packet, 20c. ¼ Oz., 65c. Oz., \$4.10.

**1695 SNOWDRIFT—**Pure white Giant Perfection. Packet, 20c. ¼ Oz., 65c. Oz., \$4.10.

**1698 MIXED—**Giant Perfection, perpetual branching Stocks in many shades of pink, blue, white, red, violet, lavender and yellow. Packet, 15c. ¼ Oz., 50c. Oz., \$2.90.

**1805 VIRGINIAN STOCK**

*Malcomia maritima*. H.A. Quite different from the regular Stocks above. This is a delightful edging, rocky and bedding subject. Small, 4-petalled ½ in. rosy mauve, with creamy-yellow eye, and white flowers in greatest abundance covering bushy, base-branching, 8-in. plants. Heads of flaring trumpet-shaped flowers on slender, wiry stems for fine cutting. This charming little annual is gayest in between spring and summer blooming flowers, an added desirability. Start seed indoors or sow in place and thin. It is very easily grown. Packet, 10c. Oz., 25c.

**SWEET PEA—**See Pages 88, 89. Perennial Sweet Pea, Page 95.

**SWEET WILLIAM**

**DIANTHUS BARBATUS—HP.** Beautiful, profusely flowering plant. Although a hardy perennial, it is better to sow seed each spring than to divide the old plants. A well-known, attractive, free-flowering, hardy flower, producing a splendid effect in borders and beds with its rich and varied flowers. The flowers are handsomely colored and marked, are borne on stiff stems in profusion and form round heads or clusters 3 to 4 inches across. Colors range from white through rose, lilac, red, carmine, crimson, maroon to nearly black, usually two shades to each plant. Grows 1½ feet high. Sow seed very early and transplant or thin to 6 inches apart in rich, mellow soil.

**1775 SINGLE MIXED—**Brilliant flowers, all colors mixed. Packet, 10c. Oz., 25c.

**1776 DOUBLE MIXED—**Double flowers, bright colors. Packet, 10c. ¼ Oz., 30c. Oz., 85c.

**SWEET WIVELSFIELD—**Sweet William X Dianthus Allwoodi. Page 78.

**1694 SUNFLOWER, JAPANESE**

This superb Japanese variety was discovered in California by Mr. H. G. Hastings. There is scarcely any resemblance to the common sunflower. It is called *Chrysanthemum Flowered Sunflower* and is worthy of the name. The flower heads grow 4 to 6 inches in diameter on stalks 4 to 6 feet high, according to the richness of the soil. The entire flower is a rich golden yellow color and a solid mass of petals more finely cut and finished than *Chrysanthemums*. Seed crops of these Japanese Sunflowers make one of the most beautiful sights imaginable on the Hastings' Plantation. A large field of them, each plant with beautiful yellow or golden-orange flower balls is certainly easy to remember. They make gorgeous cut flowers. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.00.

**SUNFLOWER, MAMMOTH RUSSIAN—**See Page 63.

**THUNBERGIA—**Black Eyed Susan—See Vines, Page 95.

**1777 TITHONIA Mexican Sunflower**

*T. rotundifolia*. HHP. Exciting flaming blood-orange, 3½ in. single Dahlia-like flowers on long, heavy cutting stems. Large shrubby 5 ft. plant for backgrounds and among shrubs. Long season blooming; richest waxy flame colored flowers known. Creates a sensation wherever seen and everybody wants it for striking cut-flowers. Treat as an annual. Tithonia blooms the first season from seed, giving an abundance of flowers. Packet, 15c. ¼ Oz., 40c. Oz., \$1.10.

**1778 TORENIA**

**FOURNIERI—TA.** Distinctive, lovely annual of all-summer bloom; useful in pots, boxes and beds. Rich green bushy plants. 1 ft. high; prefers partial shade. Trumpet-like, richest velvety blue with contrasting yellow lip and throat; very free-flowering; a charming flowering plant. Barely cover seed in boxes, keeping moist; transplant 1 ft. apart when 3 in. high. Pkt., 25c. ¼ Oz., 90c. Oz., \$5.60.

**1780 TRITOMA—Red Hot Poker**

*Mirabilis Hybrids*. HP. This flame flower or Torch Lily is a glowing beauty for the hardy border, makes splendid cut-flowers and readily grown from seed. Tall spikes of brilliant orange-red flowers from July to October. Picture and Plants on Page 104. Packet, 15c. ¼ Oz., 40c. Oz., \$2.10.

**1774 VENIDIUM**

**FASTUOSUM—HHA.** Award of Merit, 1932-1933 All-American Selection. 2 to 3 ft. tall, silky gray, serrated foliage and profuse rich orange Daisy-like flowers about 4 in. across, with a purple-black eye or zone at base of petals. Half hardy annual for sandy, sunny but not hot places; difficult to germinate until soil is warm, as is common with many South African introductions, from where this came. Rather untried as yet in America and may not hold up as a cut-flower. It does not stand transplanting. Packet, 35c. 1 16 Oz., \$1.00. ¼ Oz., \$3.75.



(1688) Annual Statice—Fine Strawflower



# HASTINGS' MAMMOTH VERBENAS

**HHP.** Zinnias, Petunias, Verbenas and Snapdragons are the Big 4 Most Popular Flowers from seeds. All season flowering, low spreading growth, Verbenas are usually treated as an annual. They make colorful beds and edging. Trusses and individual flowers of our Gigantea Verbenas are of enormous size, brilliant colors, free-blooming and vigorous growers. Sow in early spring in boxes or in open ground after danger of frost is past. Transplant when 3 or 4 leaves are formed or thin out to 2 ft. apart each way in a sunny location with good soil. Plants grow rapidly to a foot high and spread to 2 ft. across the top. About a dozen single flowers form in each cluster or truss and colors and stripes range from white to deep purple and red.

Notice our natural color pictures of these greatest of all Verbenas on the inside front cover. They stand Supreme.

## HYBRID VERBENAS

**1786 DEFIANCE**—Brightest and best scarlet, small creamy eye. Makes brilliant, glowing beds. Packet, 10c.  $\frac{1}{8}$  Oz., 25c. Oz., \$1.10.

**1788 GOLDEN QUEEN**—Deepest yellow yet. Packet, 15c.  $\frac{1}{8}$  Oz., 35c. Oz., \$1.70.

**1790 PURPLE MANTLE**—Richest purple. Packet, 10c.  $\frac{1}{4}$  Oz., 35c. Oz., \$1.00.

**1781 MIXED HYBRIDS**—Extra; all colors. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.

## HYBRID GRANDIFLORA—GIGANTEA VERBENAS

**1782 HASTINGS' GIGANTEA MIXED**—Largest, newest and finest strain of Verbenas known; almost twice the size of others. Rich colors, huge flower trusses, giant florets about one inch across. Packet, 15c.  $\frac{1}{8}$  Oz., 35c. Oz., \$1.70.

**17850 BEAUTY OF OXFORD HYBRIDS**—Award of Merit, 1932-1933 All-American Selection. Salmon tinted rosy pink to rosy red shades. Pkt., 35c.  $\frac{1}{8}$  Oz., \$1.45. Oz., \$10.00.

**1785 BLUE-WHITE EYE**—Gigantea rich blue. Largest size grown, and striking contrast appearance. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1784 LAVENDER GLORY**—Award of Merit, 1932-1933 All-American Selection. Real lavender but variable; fragrant. Packet, 35c.  $\frac{1}{8}$  Oz., \$1.25. Oz., \$8.85.

**1787 LUCIFER**—Most vivid scarlet self; glorious. If you want a rich red, this is certainly it. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1791 LUMINOSA**—Luminous flame-pink shaded salmon. Wonderful color and size; parent of Oxford Hybrids. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1789 ROSEA STELLATA**—Rose-pink, suffused carmine; large white eye. Huge florets and trusses. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1795 ROYALE**—Rich violet-blue, creamy yellow eye. Extra large trusses and heavy growth. Truly Royal. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1794 WHITE**—Immense pure white. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**VINCA—PERIWINKLE** Old Maid. Very free flowering bedding plant adapted to the entire South. It produces handsome round single flowers and luxuriant foliage of dark green, suitable for pots, boxes, beds and borders. It is a tender perennial but treat as an annual. Does best started early and transplanted after ground is thoroughly warm; blooms until frost. Grows 15 inches high and is free from all insect attacks.

**1797 WHITE**—Pure milk white. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.

**1798 ROSY PINK**—Clear self-color. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.

**1799 WHITE, PINK EYE**—Contrast. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 60c.

**1796 MIXED VINCA**—All three kinds. Packet, 10c.  $\frac{1}{2}$  Oz., 35c. Oz., 55c.

**WALLFLOWER** Annual Varieties. Well known, compact, bushy, English garden favorite, producing tufts or spikes of fragrant flowers in early summer. Some have had trouble with tender perennials but now we have the many oriental colorings in annuals. Easily grown, 1 to 1½ inch violet-like florets, in heads of dark Blood Red, Creamy Yellow, Paris Brown or Chocolate and rich Yellow. Fine for rich, dark colored beds and pot plants. Start seed in boxes or beds, transplanting 1 foot apart in good garden soil when frosts are over. 12 to 24 inches high.

**1800 SINGLE ANNUAL**—Sweet scented. Packet, 10c. Oz., 30c.

**1801 DOUBLE ANNUAL**—Jasmine perfume. Packet, 15c.  $\frac{1}{8}$  Oz., 40c. Oz., \$2.10.

**1808 XERANTHEMUM EVERLASTING—IMMORTELLE.** This popular Strawflower resembles the Cornflower in bloom, produced freely on long stems. Wide branching, 24 to 30 inch growth from root crown; gray-green, lanceolate foliage and 1¼ to 1½ inch white and deep lavender flowers with same color centers. Growth resembles the Bachelor Button Cornflower. Easily grown; dried flowers last for months. (See Strawflower Collection on Page 80.) Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 45c.

## SPECIAL TYPES OF VERBENAS

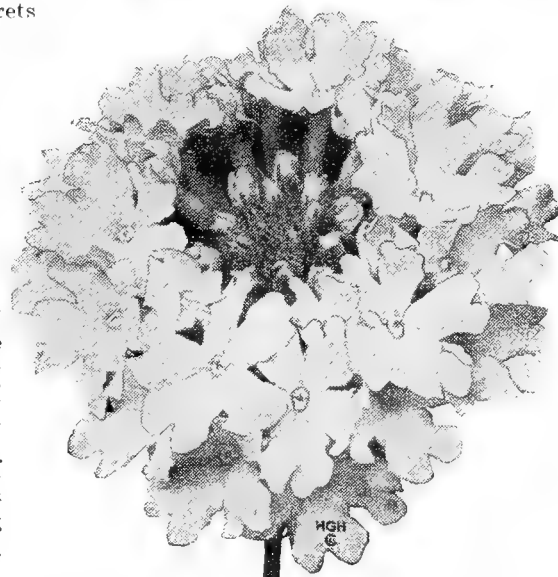
**1783 VERBENA FIREBALL**—Erect Compact or New Bush Type. Dwarf, 6-in., ball-like, erect plant, almost completely covered with a blaze of small rich crimson-scarlet flowers. Great edging, rockery and low border plant, uniform and richest color of all. Showy, meritorious new novelty. Packet, 25c.  $\frac{1}{8}$  Oz., 65c. Oz., \$4.10.

**1793 ROYAL BOUQUET**—Tall Erect Type. 18-24 in. high, bushy, crown branching; all colors, with creamy eyes. Superb for cutting. Packet, 25c.  $\frac{1}{8}$  Oz., 60c. Oz., \$3.70.

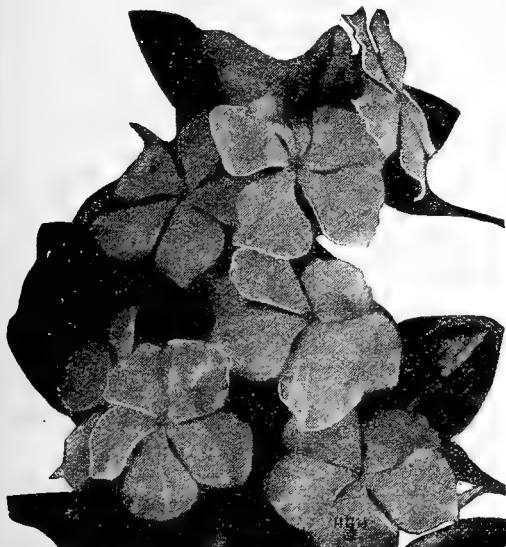
**1792 VERBENA VENOSA**—Species. Rosy violet, dense 1½ in. trusses of small florets like Candytuft. Stems 10 inches high for nice cutting. Splendid border Verbena; hardy in the lower South. Packet, 10c.  $\frac{1}{4}$  Oz., 30c. Oz., 90c.



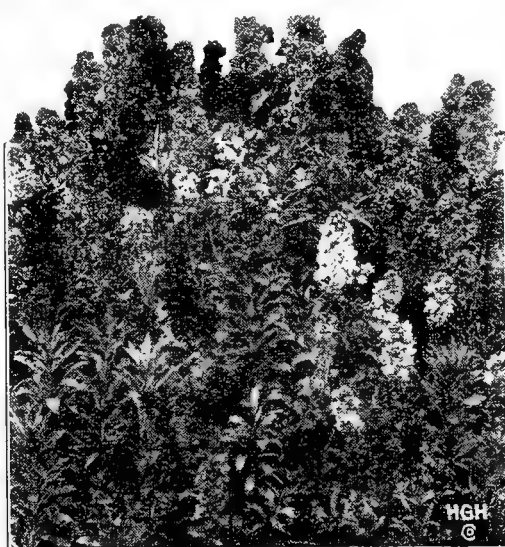
(1783) Fireball Verbena—Dwarf Bush Type



(1788) New Yellow Verbena—Golden Queen



(1796) Vinca or Periwinkle



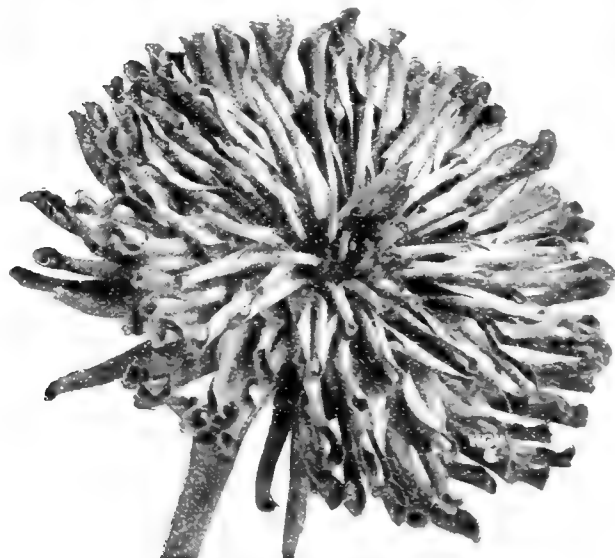
(1801) Wallflower—Annual Varieties



(1808) Xeranthemum—Strawflowers



(1880) Red Riding Hood—Lilliput Zinnia



(1840) Hastings' Quilled Zinnia



(1815) Hastings' Picotee Zinnia

# Hastings' Zinnias

**Youth and Old Age** Zinnias are the indispensable annual flowers—long season flowering and good for all flower purposes. As easily grown as any, suitable to most all soils in a sunny location and aptly termed Everybody's Flower because everyone seems to do well with them.

**ZINNIA CULTURE**—Sow the seed in early spring in good soil. Thin out or transplant 1 to 2 feet apart in rows 2 to 3 feet apart when plants are about 2 inches high. Plants grow 2 to 3 feet high in garden soil. Give frequent shallow cultivation to keep down grass and weeds. They quickly repay for a little attention though they stand neglect exceptionally well. Half hardy annual doing especially well in the South.

**1814 Cut-and-Come-Again PUMILA MIXED**—2 ft. high; bushy plants, simply covered with medium sized double flowers on fine cutting stems all summer long. This is the famous old standard type, but selected for lower, bushier plants, more flowers and brighter colors. Packet, 10c. ½ Oz., 30c. Oz., 50c.

**1815 Picotee Mixed** Large, double flowered with picoted petal tips. There's a nice range of desirable colors: in the lighter shades, each petal distinctly tipped dark red or maroon and dark colored flowers are tipped with a light contrasting color. Almost as large as Monster type and fine for cut-flowers. Packet, 15c. ¼ Oz., 30c. Oz., \$1.30.

**1816 New Picotee Delight SALMON ROSE**—New 1931 Novelty. Picotee Delight is an entirely new Pumila strain, with curled petal edges and picotee markings at the tips. This gives grace and attractiveness not found in other Zinnias. Flowers are of medium size, about 3 inches across, and not heavy in appearance. Foliage is rich green. Flowers are freely produced, light to rich salmon shades of rose-pink, which show up best under artificial light indoors. We highly recommend this novel Zinnia as the best florists' or amateurs' cut-flower on the market and one that will sell or captivate you on sight. Packet, 25c. ¼ Oz., 45c. Oz., \$2.50.

**1840 Quilled Mixed** This Cactus or Quilled type is very interesting and useful. Petals beautifully formed, fully double and making a striking, airy, graceful cut-flower by itself or to lighten bouquets of heavier flowers. Profuse flowering in many shades of old gold to rose-ash, large size and bushy plants: 3 ft. high. Packet, 15c. ¼ Oz., 30c. Oz., \$1.30.

## Pompon or Lilliput Zinnias

These Baby or Miniature Zinnias, like the Pompon Dahlias and Button Chrysanthemums, are becoming quite the rage. Last year, the demand for these in our Atlanta local store was remarkable. Pompons are excellent for cutting, beds, lining borders and general garden use. They are the florists' favorite for cutting, graceful in sprays with other flowers or by themselves; never top-heavy and suit themselves to tables, small vases, dishes and wherever a large flower is out-of-place. Pretty, compact, bushy growth and literally covered with small, densely double flowers in perfect taste, held well above foliage. Flowers resemble Pompon Dahlias in size, shape and colors. 2 feet tall.

**1876 CANARY YELLOW**—Deep rich yellow and the clearest and best yellow for striking effect. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**1878 SALMON ROSE**—Best of all colors, beautiful under artificial light too. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**1880 SCARLET GEM OR RED RIDING HOOD**—See Picture. Richest fiery scarlet, very showy. Packet, 10c. ¼ Oz., 25c. Oz., \$1.10.

**1813 POMPON MIXED**—All Zinnia colors in these delightful little beauties, blended by formula for a perfect color mixture. Plant at least a packet of these for cutting. Packet, 10c. ¼ Oz., 35c. Oz., \$1.00.

## Hastings' Monsters

### IMPROVED GRANDIFLORA ROBUSTA TYPE

This is the Giant type which made Zinnias the most popular flower planted from seed. They are double the size of the Pumila, or Cut-and-Come-Again type and while not as large as the newer Dahlia-Flowered and California Giants, they are nevertheless Giants, measuring 4 to 6 inches across under cultivation. Further, they are very, very deep through, often appearing as round as a ball. These are still the most popular of all, because of their bright colors and large size, making better cut-flowers because they are not too large for average vases and uses.

Hastings' Monsters are rich and brilliant, making grand beds and borders, and rank with Chrysanthemums as cut-flowers. They are profuse bloomers, rank growers and literally cover the bushes with huge, fully double flowers. The picture on the right, next page, shows the typically round, symmetrical, beautiful flowers.

We normally sell over 100,000 packets of these Zinnias each season, showing how satisfactory and beautiful these Monster Zinnias really are. They are simply gorgeous, outside or for cutting, and are most easily grown. With these cheap prices you can plant them all along the roads and fences.

### DOUBLE GIANTS—IMPROVED ROBUSTA

**1828 CANARY YELLOW**—Bright, rich deep yellow. Richest yellow in Zinnias. Packet, 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1822 DEEP FLESH PINK**—Light pink with a beautiful lavender tint. Pkt., 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1824 PURPLE**—Light purple or carmine-purple. Distinctive, very rich color. Packet, 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1825 SALMON ROSE**—The most beautiful cut-flower color in Zinnias. Rare. Packet, 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1826 SCARLET**—Golden scarlet, the richest of all colors; very showy. Pkt., 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1830 WHITE**—Quite clear milk-white, greenish cream towards center. Packet, 10c. ¼ Oz., 30c. Oz., 90c. ¼ Lb., \$3.00.

**1812 HASTINGS' MONSTER MIXED**—All varieties above and many others of these Double Giant Robusta Zinnias in the most colorful blend, every conceivable shade in the Zinnia rainbow. Plant these everywhere color is desired. Easily grown and a gorgeous display. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00 Lb., \$6.00.



(1865) Dahlia-Flowered Zinnia—Illumination



(1823) Mammoth California Giant Zinnia—Rose Queen

## Hastings' Dahlia—Flowered Zinnias

The largest and finest type of "Youth and Old Age." As pictured, they have much larger sized flowers than our Monster Zinnias and with the addition of overlapping petals. Petal edges are inclined to curl inwards and careful selections over a number of years has its reward in about 75% of the flowers coming true Dahlia-flowered. Some even come 90% true. They resemble a Decorative Dahlia, hence their name. Try a few packets along with the Monster Type this year. They are disease resistant and equally good as a garden flower and a florists' specialty—easily grown and keep well when cut. These are the world's best Zinnias. Largest and finest of all.

**1862 CANARY BIRD**—Yellow. Rich deep yellow, very large and holds color well. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1854 CRIMSON MONARCH**—Red. Largest and best red. Very vigorous, flowers often 8 inches. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1858 DREAM**—Deep Lavender. Turns mallow purple, new exquisite Zinnia color. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1852 EXQUISITE**—Rose Pink. Finest of all Zinnias. Light rose with tyrian rose center. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1864 GOLDEN DAWN**—Bright Old Gold. Immense sized golden yellow of fine form. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1865 ILLUMINATION**—Tyrian Rose. Cerise or rosy scarlet, very bright and rich. Great. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1855 OLD ROSE**—Salmon and Rose. Real old rose, rose beneath. Ranks with Exquisite. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1856 ORIOLE**—Orange and Gold. Immense bicolor, most beautiful of its coloring. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1860 POLAR BEAR**—White. Best white Zinnia. Very large, true Dahlia form. Packet, 15c. 1/8 Oz., 35c. Oz., \$1.70.

**1850 DAHLIA FLOWERED MIXED**—All colors. Well blended mixture containing all Zinnia colors of the Dahlia Flowered type, including the above special varieties and many other color shades. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.50.



(1826) Hastings' Monster Robusta Zinnia—Scarlet

## California Giants

**New Giant Mammoth Type** Pictured in full colors on the Front Cover. This mutation from the world famous Dahlia-Flowered type has the same enormous size as that type but with the distinct advantage of flat flowers, getting away from the conical shape of the older Giants and eliminating the stiffness of past Zinnias. The flowers are attractive from the time they open, making them a good cut-flower from the early bud until they are in full bloom. California Giants were developed by our grower in California, who also originated the Dahlia-Flowered Zinnia and has done more to develop this most popular of all flowers than perhaps all others combined.

This is really a remarkable type of Everybody's Flower, low branching for long cutting stems, profuse flowering and huge, graceful flowers of rich and charming colors. 2 1/2 to 3 feet tall; very bushy. Take full advantage of the Front Cover Collection offer.

**1818 ENCHANTRESS**—Rich rose-pink, the same color as Dahlia-Flowered Exquisite. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.30.

**1819 GOLDEN QUEEN**—Rich golden yellow, very large and commanding. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.30.

**1821 ORANGE KING**—Reddish or blood-orange, strictly called cadmium. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.30.

**1823 ROSE QUEEN**—Bright rose, very rich and fascinating Zinnia color. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.30.

**1817 SCARLET GEM**—Glowing crimson-scarlet, the richest color in flowers. Packet, 15c. 1/8 Oz., 30c. Oz., \$1.30.

**1825 SALMON ROSE**—Largest, flattest Robusta Monster variety; only one of its color. Packet, 10c. 1/8 Oz., 30c. Oz., 90c.

**1882 CALIFORNIA GIANTS MIXED**—Perfect blend of all colors. Large Packet, 15c. 1/8 Oz., 35c. Oz., \$1.00.

## FRONT COVER ZINNIA COLLECTION

**25c** One Packet Each of the 3 Striking California Giants, as pictured on the front cover of this catalog: Enchantress, rose-pink, Golden Queen, golden yellow, and Scarlet Gem. 45c value for 25c. 1/8 Oz. of Each for 65c. Postpaid.



# CLIMBING—TRAILING—VINES

**FROM SEEDS**—Vines have a distinct place in every home. Plant a plenty for shade and flowers.

**1190 BALLOON VINE** Interesting climber from the East Indies. A general favorite. Rapid growing annual climber delighting in warm situation. Small white flowers, followed by inflated seed vessels like miniature balloons. This most interesting climbing plant is fine for shading sunny porches or outdoor seats and the novelty of its little balloon-like fruits never wears off. Try a packet of it this year. **Packet, 10c. Oz., 25c.**

**1175 BALSAM APPLE** Quick growing climber, ornamental foliage, interesting and valuable fruits which are esteemed for medicinal purposes. The fruits burst and throw the seeds a considerable distance, a source of amusement for the children. It is often used with other climbing plants for shading porches, balconies, and outdoor seats. The yellow, apple-shaped fruits are attractive and after bursting to discharge their seed, peel back to show their red interior. Plant a few for their interesting habit. Grows 10-15 feet. **Packet, 10c. ½ Oz., 35c. Oz., 60c.**

**1165 SCARLET RUNNER BEAN** Plants are of quick, strong growth, bearing large sprays of bright scarlet pea-like flowers. When fully ripe the dry beans are also bright scarlet in color, heavily blotched purple. Scarlet Runner is an ornamental climber but it is also valuable for the beans to eat. Further north and in Europe where the summers are too cool and short for large Lima Beans, Scarlet Runner is extensively used for eating. They make just as good eating beans here as north but we especially want them for their red flowers and quick growth. **Packet, 10c. ½ Lb., 30c. Lb., 50c. 5 Lbs., \$2.00.**

**1210 CANARY BIRD VINE** *Tropaeolum canariense*. A beautiful tender climbing annual reaching 10 feet or more. Charming little canary yellow blossoms, curiously shaped like a bird in flight and attractive palmate leaves. Sprays as cut-flowers last a week. Sow near trellis outdoors in spring for blooms from June until frost. **Packet, 10c. Oz., 30c.**

**1306 COBEA SCANDENS** Splendid tropical climber adapted to the whole South. A rapid grower, 15 to 20 feet, covered profusely with deep reddish violet-purple, bell-shaped flowers, leaves in pairs on a central leaf stock, which terminates in a slender tendril, like those of sweet peas, enabling the vines to cling closely to strings, wires or trellises. Plant seed in open ground after trees are in full leaf and ground is warm. Seeds are thin and flat and will germinate quickly if set on edge and covered ¼ in. May be started early and transplanted if care is taken not to disturb roots. You cannot fail to appreciate the beautiful deep lavender or lilac flowers on these tropical climbers. They add greatly to the beauty of any home. **Packet, 10c. 3 for 25c. ½ Oz., 35c. Oz., 60c.**

**CYPRESS VINE** *T.A.* Most graceful of all small vines and easily grown anywhere in the South. For a neat trellis or ornamenting trunks of trees it is unexcelled. It has a profusion of star-shaped blossoms, and its finely cut foliage is adapted to ornamental work. Grows 10-12 ft. high and if planted thick in good soil will make a dense growth.

**1342 CYPRESS VINE MIXED**—Pkt., 10c. ½ Oz., 25c.

**1344 SCARLET**—Scarlet-red. Pkt., 10c. ½ Oz., 25c.

**1346 WHITE**—White flowers. Pkt., 10c. ½ Oz., 25c.

**1527 DOLICHOS—Hyacinth Bean**

Rapid growing and free flowering annual climber, growing 10 feet high, with pea-shaped blooms, white to rich violet purple in color. Flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented. Sow the seed in April or May, after ground is warm, where the plants are to remain. Plant growth is rather similar to a pole bean. **Packet, 10c. Oz., 25c.**

**1528 DOLICHOS—Australian Pea Vine, Lignosus** Perennial climber but treat as an annual because it winter kills. Entirely different from Hyacinth Bean. It throws long runners and is especially adapted for climbing fences. Leaves and plant are not coarse in the least; very attractive, and the delightful carmine-rose colored pea-shaped flowers are in fine taste. **Packet, 10c. ¼ Oz., 30c. Oz., 80c.**

**ICE PLANT** *Mesembryanthemum*. *T.A.* Spreading plants, fleshy leaves appearing covered with glistening ice crystals. Valuable for rockeries, wall gardens, baskets, edging, pots and sunny banks, especially in hot, dry and sandy places. Keep well drained and quite dry. Plants may be eaten; prized for garnishing. Readily grown from seeds. Tricolor is very showy.

**1525 ICE PLANT**—*Cryophytum crystallinum*. Prostrate spreading plant, small whitish to rose flowers. **Packet, 10c. Oz., 30c.**

**1523 NEW TRICOLOR**—*Dorotheanthus gramineus*. Showy, densely flowered 6-8 in. clump. Large 1½-in. daisy flowers of red with black center and white ring. Grand. **Packet, 15c. ¼ Oz., 35c. Oz., \$1.00.**

**1532 JAPANESE HOP HUMANULUS JAPONICUS**

This is a rapid growing summer climber, making a dense covering with its luxuriant foliage. It grows 20 feet high and heat, drought and insects do not bother it. Especially for the South this Hop is excellent for shading porches and trellises. The rough lobed leaves of variegated white, yellow and green colors and the small flowers and very rough leaf stems make this plant very attractive. **Packet, 10c. ½ Oz., 30c. Oz., 50c.**



(1539) Lathyrus—See Page 95



(1342) Cypress Vine



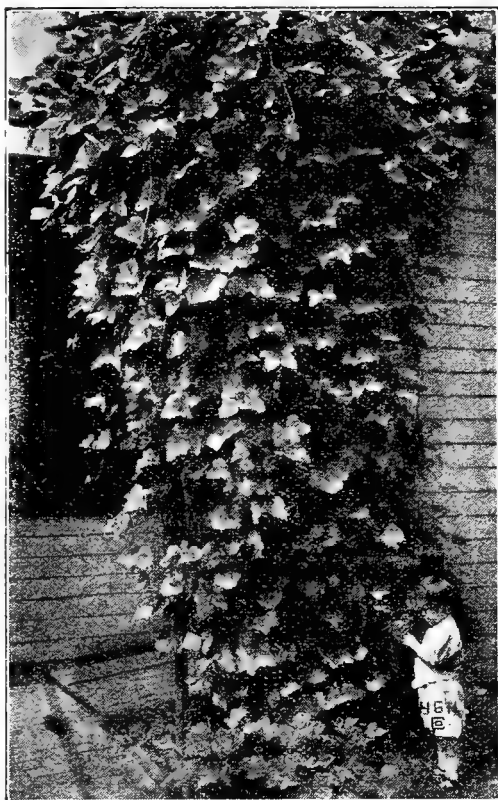
(1527) Hyacinth Bean



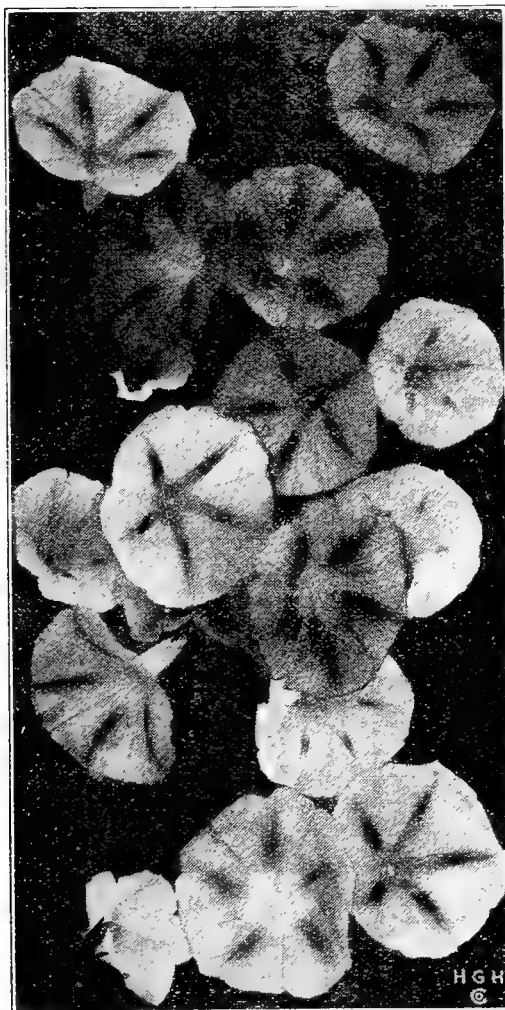
(1190) Balloon Vine



(1306) Sprig of Cobea Scandens



(1538) Kudsu Vine—Shade or Hay



(1573) Imperial Japanese Morning Glories

**1534 KENILWORTH IVY** *LINARIA*—Also called Cymbalaria and Mother of Thousands. Showy, free flowering plant of trailing habit, suitable for baskets, vases, pots and rock work. Hardy perennial with lilac and yellow flowers. Easily grown and lasts for years either in the house or outdoors. Packet, 25c. 1/4 Oz., 50c. Oz., \$2.85.

**1538 KUDSU** *KUDSU PUERARIA THUNBERGIANA*. This Japanese Perennial is our fastest growing vine; small rosy flower racemes. Grows about 10 ft. first year, then 50 ft. each year. Grows where nothing else will and the dense leaf growth makes fine shade for porches, fences, etc. It is a legume, enriching the soil and makes a heavy hay crop. Packet, 10c. Oz., 35c. 1/4 Lb., \$1.00. Lb., \$3.50.

**1539 LATHYRUS** *HARDY SWEET PEA*—See picture on Page 94. Slow, heavy growth for covering fences, ditches, banks and trellises. Flowers bloom all summer, almost as large as Grandiflora Sweet Peas and good for cutting. A perennial, lasts for years with heavier growth each year; can be used as a hedge-row. Flowers are white, pink and red. Mixed—Packet, 10c. Oz., 35c.

**MORNING GLORY** *CONVOLVULUS MAJOR*—In recent years new races of Morning Glories came to us from Japan and Brazil of such large size, vigorous growth and rich colors, varied by all sorts of remarkable and beautiful variations, striped and blotched in every manner imaginable, that we can hardly recognize in it the original type. The Japanese embrace over 30 distinct shades and colors and some show variegated foliage. A packet of them will surprise you with the rich return of beauty and flowers covering your porches, trellises and fences.

**1570 BRAZILIAN**—*Ipomoea Setosa*. Grows 40 feet high; bright lavender-pink flowers often, 5 inches across; more shade than any moonflower. Packet, 10c. Oz., 35c.

**1573 JAPANESE**—Grand; large flowers; all colors. Packet, 10c. Oz., 35c.

**1574 TALL**—The old favorite Morning Glories in all colors. Packet, 10c. Oz., 25c.

**1575 CONVULVULUS MAURITANICUS**—Perennial; rock garden and hanging basket favorite; uniform light blue; 6-10 in. tall, spreading clumps; 1 1/4-1 1/2 in. perfect Morning Glory flowers. Packet, 15c. 1/4 Oz., 35c. Oz., \$1.70.

**MOONFLOWER** The Ipomeas (Moonflowers) are popular everywhere in the South. They make a rapid growth and a dense shade, protect-

ing porch from the hot rays of the sun. They grow 20 feet high in good soil, branching freely, and at night and during cloudy days are covered with large flowers. Seeds should be planted after frosts are past, where plants are to stand, 10 in. apart. They can be planted earlier in the house and transplanted when 6 in. high. Seeds are very hard, and to insure germination cut or file through hard outer shell before planting. Cover 1 in.

**1578 HEAVENLY BLUE**—Light sky blue with whitish throats; heavy bloomer, early and late; stays open until late in mornings. There is nothing in a blue color excelling our new early "Heavenly Blue" and it is simply covered with blooms. Packet, 15c. 1/4 Oz., 35c. Oz., \$1.00.

**1579 GIANT PINK**—Hardest of all; stays green until frost. Blooms lightly through summer, heavily in early fall. Flowers smaller than White but a beautiful soft rich pink color. Packet, 10c. Oz., 35c.

**1580 WHITE**—The true white Mexican Moonflower with its immense white bloom four to five inches in diameter. Packet, 10c. Oz., 35c.

## 1595 NASTURTIUMS

**TALL OR CLIMBING MIXED.** Dwarf or Bush Nasturtiums on Page 83. Especially desirable for growing on fences and stumps, but also are fine for growing in porch or window boxes to trail over the sides. They make the largest Nasturtium flowers on nice stems for cut-flowers and our formula mixture gives you a perfect balance of flower and foliage colors. No finer Nasturtiums than these; finest selected named varieties. Easiest of all flowers to grow. Packet, 5c. Oz., 10c. 1/4 Lb., 30c. Lb., 95c. 5 Lbs., \$3.50.

## 1606 PASSION FLOWER

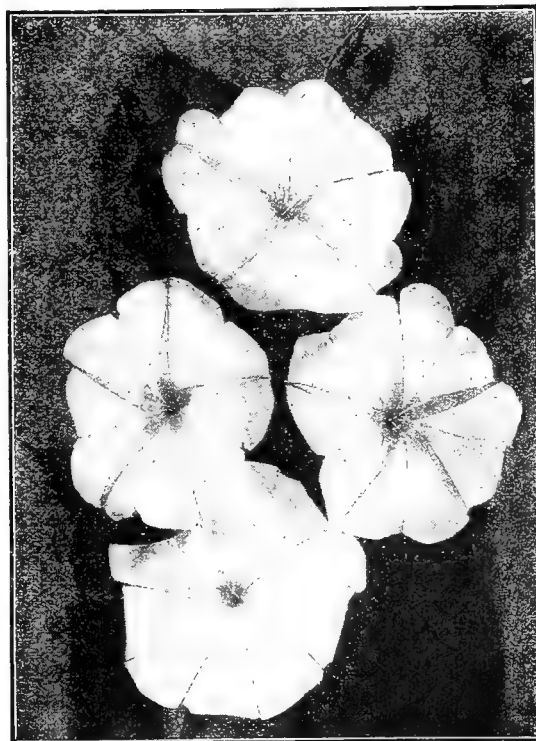
*Passiflora edulis*. Purple Grandailla. TP. Singularly beautiful, semi-tropical, evergreen tendril climber. Hardy outdoors only in the lower South. Solitary odd and exceedingly showy 2-in. flowers of white with white and purple crown. Deep purple edible fruit, the size of a duck egg. The fruit is rather extensively used for salads and preserves. Both flower and fruit are quite similar to our native Southern Maypop. Packet, 15c. 1/4 Oz., 35c. Oz., \$1.70.

## 1779 THUNBERGIA

**BLACK EYED SUSAN**—Tender perennial, treated as annual. Attractive little trailing, creeping plant 3 inches high, with heart shaped leaves and sepals; regular, slightly whorled 5-petaled, 1 3/4 inch flowers of orange, creamy buff and white with throats and eyes of dark violet and black. Midsummer bloomer for sunny places, training on stumps, fences, low walks or for boxes. Packet, 10c. 1/4 Oz., 30c. Oz., 90c.

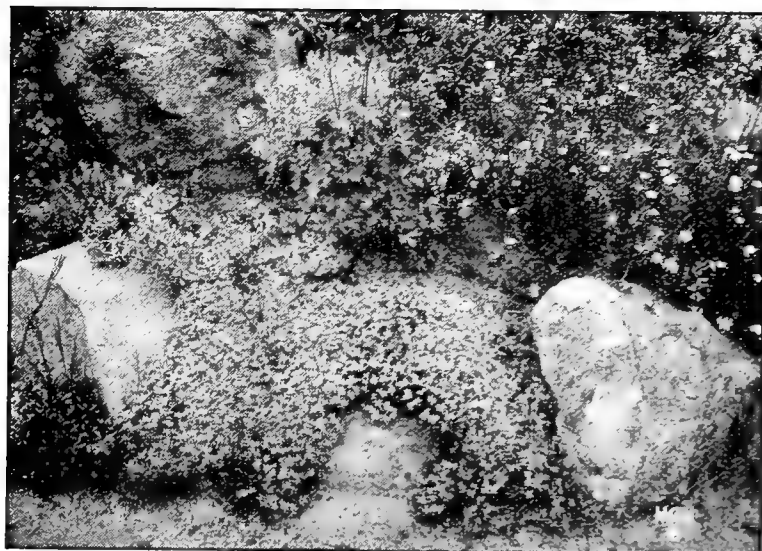


(1606) Passiflora or Passion Flower



(1580) Hastings' White Mexican Moonflowers

# HARDY PERENNIAL PLANTS



★ Sedums, Dianthus, Dicentra add charm to Rockeries



Aquilegia—Long Spurred



Aster, Queen Mary

★ **A. MAUVE CUSHION**—Distinct plant, 2½ ft. across and only 3 to 9 in. tall, completely covered with delicate mauve flowers in late fall. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Astilbes SPIREAS**—Ours are of strongest, vigorous growth, with many branched feathery spikes of plummy flowers from May to July. They do best in shady, moist places, in most garden soils. They also force indoors for delightful pot plants and cutting material; 1½ to 3 feet tall.

★ **A. GLADSTONE**—Snow white flowers; 1½ feet tall. 45c. 3 for \$1.00. 12 for \$3.25. 100 for \$19.50.

★ **A. PEACH BLOSSOM**—Free flowering peach blossom pink. 45c. 3 for \$1.00. 12 for \$3.25. 100 for \$19.50.

★ **Calamintha SATUREIA**—Savory. A fine rockery sweet-herb plant or for edging borders and beds. Growing only 6 inches high and succeeding in a sunny, dry position, it is especially desirable. Bluish purple whorled flowers on spikes. May-June flowering.

★ **C. ALPINA**—Much branched at base. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ Perennials especially adapted for Rock Gardens are marked with ★, preceding the name. Others may also be used, however.

## ROCK GARDEN OFFER

Here is a splendid collection of so-called alpine plants which do well in the South. They are consistently used in the most attractive rockeries. For a finished planting, we recommend three of these collections for approximately 50 square feet or 12 by 4 feet. Mostly low, spreading growth, these plants make a delightful view from all sides. Order as many as you like.

- ★ **Alyssum saxatile**—9 in.; April blooming; golden yellow.
- ★ **Bellis perennis**—8 in.; spring and fall; white and rose.
- ★ **Dianthus deltoides**—6 in.; spring flowering; deep rose.
- ★ **Dianthus, Her Majesty**—10 in.; spring; large pure white.
- ★ **Iberis sempervirens**—7 in.; spring to summer; white.
- ★ **Mazus reptans**—3 in.; spring to summer; bright violet.
- ★ **Nepeta mussini**—12 in.; June and July; violet blue.
- ★ **Phlox subulata, G. F. Wilson**—4 in.; April, May; lavender.
- ★ **Phlox divaricata**—10 in.; March to May; bright blue.
- ★ **Physostegia vivid**—18 in.; summer to fall; bright mauve.
- ★ **Saponaria ocymoides**—8 in.; April to August; bright rose.
- ★ **Sedum acre**—3 in.; summer; golden yellow. Golden Moss.
- ★ **Sedum album**—3 in.; summer; green foliage, white flowers.
- ★ **Sedum spectabile brilliant**—18 in.; summer, fall; bright red.
- ★ **Sempervivum tectorum**—6 in.; fleshy rosette foliage; pale red.

**ROCKERY SPECIAL**—One plant each of the above 15 flowering rockery plants, well balanced color selection for all season bloom and easily grown subjects. Value, \$3.75—Postpaid for \$1.95.

Two plants of each, 30 plants, \$3.50; 3 plants of each, 45 plants, for \$5.00; 5 plants of each, 75 plants, for \$8.00.

## Postpaid Plant Prices

Plants priced at 25c each are 3 for 50c (16 2/3c each); 12 for \$1.75 (14 1/2c each); 100 for \$10.00 (10c each). You may order 3 plants of the same or different kinds for 50c. Any 12 plants at 25c are \$1.75, etc. Postage is high on properly packed individual plants.

★ **Aconitum MONKSHOOD**—Caution! Poisonous plant. Keep children from eating leaves or seeds and keep from where roots may be mistaken for parsnips or horseradish. Famed bee food for honey; grows in sun or shade, producing 2 to 3-foot spikes of cutting flowers.

★ **ACONITUM FISCHERI**—Strong spikes, dark, rich blue flowers in September, October. 25c each; 3 for 50c; 12 for \$1.75; 100 for \$10.00.

★ **Agrostemma ROSE CAMPION**—Mullein Pink. Stout, erect, silvery foliaged, 2 to 3-foot plants, pretty, showy, single flowers from May to July. Give plenty of sunshine.

★ **CORONARIA**—Atrosanguinea. Deep blood red. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Alyssum ROCK MADWORT**—Indispensable rockery, wall and edging plant, 9 to 12 in. high. Easiest culture, free flowering in well-drained, sunny position in April and May. Very popular. Golden Rain plant; compact, spreading, very useful.

★ **A. SAXATILE COMPACTUM**—Dwarf Golden Tuft or Basket of Gold. Our most popular low, spreading perennial. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Anthemis CHAMOMILE**—Hardy Golden Marguerite. Finely cut, fern-like foliage with yellow daisy-like flowers from May to October. Valuable for cutting as well as in the border.

★ **A. KELWAYI**—15 to 24 inches high; fine for cutting. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Anchusa ALKANET**—Cape Forget-Me-Not. Of easy culture in any sunny soil; favorite with bees and stands dry conditions. Striking gentian blue-flower sprays, from April to June.

★ **A. ITALICA DROPMORE**—Bright blue flowers. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **A. MYOSOTIDIFLORA**—Dwarf 12 in. compact. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Aquilegia-Columbine**—Of the most elegant and beautiful perennials. Graceful, distinctive, airy foliage, delicate arrangement of yellow mauve rose, flesh, lavender, blue, purple flowers on 2-foot stems. Spring and early summer blooms for border and cutting.

★ **A. MRS. SCOTT ELLIOTT'S HYBRIDS**—Long spurred, finest of all strains. Delightful colors and largest Columbines grown. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Arabis ROCK CRESS**—Spreads rapidly; low growing with clusters of pure white fragrant flowers to literally cover the ground in early spring. Arabis needs but little moisture and in sunny places is splendid for edging, ground cover and rockery beautification. Cut-flowers last a long time.

★ **A. ALPINA**—6 to 8 in. high; low spreading. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Armeria SEA PINK**—Thrift. Tufty, grassy evergreen foliage surmounted by slender, stiff, wiry, 12-inch stems with large, dense, clover-like flower heads. All season continuous bloomer.

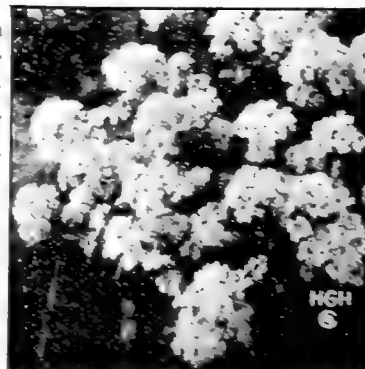
★ **A. LAUCHEANA**—Bright rose pink; lowest spreading growth, extensively used in rock gardens. 25c. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **Hardy Asters MICHAELMAS DAISIES**—Starworts. Among the showiest late summer and fall perennials, and extensively used for cutting. Large flowers of beautiful color shades. Give sunny exposure and they grow and bloom freely in any soil. Indispensable.

★ **ASTER, MAGGIE PERRY**—Very large, 2 in. flowers, loosely in large trusses. Distinct, striking novelty. Soft mauve; 2 ft. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **A. NOVAE BELGI, YPRES**—Rosy red; neat compact bush; finest of its striking color. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **A. QUEEN MARY**—Dark sky-blue frilled 2½ in. flowers, excellent cutting; heavily branched; 4 ft. Finest yet of Belgian type. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.



★ Alyssum Saxatile



**Campanula**

**CANTERBURY BELLS**—Bellflower. Indispensable hardy garden flowers, blooming longer in partial shade in good, rich soil. 2 to 3 feet tall; very showy flowers in June for garden and cutting. The single bells are much more satisfactory than the cup-and-saucer type.

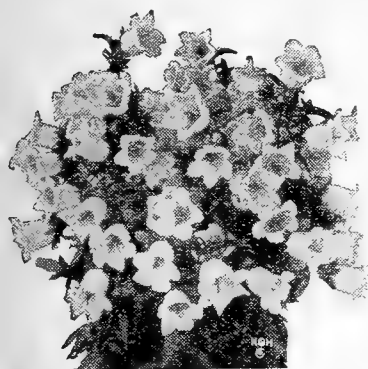
★ **C. CARPATICA**—Carpinian Harebell. Compact tufts, 6 to 8 in. high; clear blue flowers on wiry stems from June to October. Hardy Perennial. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**C. MEDIA BLUE**—Numerous branches crowded with large deep blue bells. Biennial. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**C. MEDIA ROSE**—Biennial rose-colored Canterbury Bells. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**C. MEDIA WHITE**—Biennial, very showy white Canterbury Bells. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**C. TELHAM BEAUTY**—Peachbell. New perennial; showiest, largest flowered; delicate soft lavender-blue flowers from May to July; 2½ to 3 ft. high. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.



Campanula—Canterbury Bells



Shasta Daisy



★ Gerbera, Transvaal Daisy



Dicentra—Bleeding Heart

**Coreopsis** One of our finest hardy plants, with large, showy, bright yellow flowers on long, wiry stems in abundance from June till frost. Splendid border and cutting flowers, lasting a week in water. Easiest culture in any sunny garden soil. 2½ feet tall; base branching.

**C. LANCEOLATA**—Richest golden yellow, 2½-inch flowers; fine for cutting. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Daisies HARDY CHRYSANTHEMUMS AND BELLIS**—The best known and most useful hardy garden plants. For border, bedding and cutting (Bellis for edging and rock work, too), Daisies are indispensable. Plant a plenty. 2 feet.

★ **BELLIS PERENNIS**—Double English Daisy. 6 in. high; tufty, spreading plants. Quantities of white and pink double flowers, 1 to 2 in. across, on wiry stems are produced from early spring until mid-summer. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**ELDER DAISY**—Extra early Shasta Daisy. Large size white. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**SHASTA DAISY**—Alaska. 4 to 5 in., largest size; summer and fall. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**DOUBLE SHASTA DAISY**—Pure white double flowers; medium size. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Gerbera TRANSVAAL DAISY**—Handsome of all daisy-like flowers and lasts longer in water than any other. Not only stands Southern sun but likes it hot in any soil. Plant with crown above surface. Wiry 12 to 15 in. stems; tufty large leaves. Spring to fall blooming. Exquisite form and pink, orange and scarlet color shades. 35c each. 3 for 75c. 12 for \$2.50. 100 for \$15.00.

★ **G. JAMESONI HYBRIDS**—3 to 4 in. across, beautiful single flowers. 35c each. 3 for 75c. 12 for \$2.50. 100 for \$15.00.

★ **G. DOUBLE HYBRIDS**—New, simply wonderful double crested flowers that can't close up at night. Nothing compares with these. 50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$36.00.

**Pyrethrum PAINTED DAISY**—May and June flowering, exquisite daisy-like flowers for sunny borders. Fern-like foliage, many 18 to 24 inch wiry stems with 2 to 3 in. slender petalled daisies. Easily grown in garden soils and likes to be undisturbed for 2 or 3 years.

**P. ROSEUM HYBRIDUM**—Colors from white through pinks to deep crimson. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Delphiniums PERENNIAL LARKSPUR**—Difficult to grow to perfection in middle South, as they like cool soil. Fall and winter planting in the extreme South give wonderful early spring plants and bloom. Delphiniums are generally recognized as the peer of perennials; wonderful blue and mauve shades on stately, long spikes, 3 to 6 feet tall. Plant in clumps or in perennial borders among other plants which shade the ground. Use our heavy 2-year-old clumps instead of the usual 1-year plants, give good soil and treat liberally. They are certainly worth working for.

**D. BELLADONNA**—Clear sky blue; May to frost. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**D. BELLAMOSUM**—Rich deep blue; May to frost. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**D. ENGLISH HYBRIDS**—Blackmore and Langdon's finest strain. 2-year-old, strong plants. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**D. CHINENSIS**—1½ ft. tall; sky blue; easiest to grow anywhere. 1-year-old, strong plants. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Dianthus HARDY PINKS**—Indispensable hardy perennials for low borders, edging and among rocks. Exquisite tufty, spreading plants with slender grayish foliage, surmounted by sheets of sweetly fragrant, finely fringed flowers in spring. Long wiry stems for excellent cut-flowers. Unrivaled for permanent beds.

★ **D. HER MAJESTY**—Pure white, sweet; 1 ft. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **D. PLUMARIUS**—Clove Pinks. Mixed colors, very fragrant; April, May. 1 ft. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

★ **D. DELTOIDES**—Maiden Pinks. Dwarf, 6 in.; small deep rose single flowers. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Dicentra BLEEDING HEART**—Seal Flower; Dielytra. Old-fashioned favorite; 1½ feet high. bushy plants with long racemes of graceful heart-shaped pink flowers in April and May. Of quaint charm and lovely in the shady border. One of the genuine "antiques" of the garden, now more popular than ever. Also largely used for forcing.

**D. SPECTABILIS**—Described above; very strong clumps. 1 to 2 feet. 45c each. 3 for \$1.00. 12 for \$3.25. 100 for \$19.50.

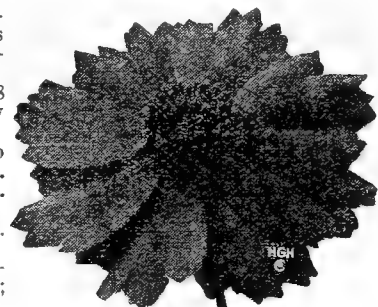
**Digitalis FOXGLOVE**—Especially fine in the South, the old-fashioned Foxglove has been improved in the new giant hybrids, to give you a substantial thing of beauty in the border. 4 to 7 foot shafts arise from dense tufts of leaves with 2 to 4 foot spikes of bloom. May-June flowering and the closely set flowers of unusual size range from purest white to deepest rose, handsomely spotted with richest crimson. Biennial.

**D. GIANT SHIRLEY**—Extraordinary size and vigor in these genuine Shirley hybrids. Self-sowing biennial, treated as perennial. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**Feverfew MATRICARIA**—Most useful border and rock plants. Valuable summer cutting material with many small double flowers from May until October on very bushy plants. Suited to most any soil and well-known profuse bloomer.

★ **F. DOUBLE WHITE**—15 to 24 in., tall; fern-like foliage. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

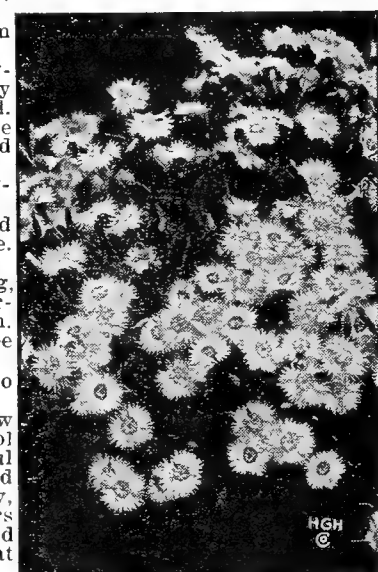
★ **F. GOLDEN BALL**—8 in., compact; yellow button-like double flowers. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.



Coreopsis



★ Bellis—English Daisy

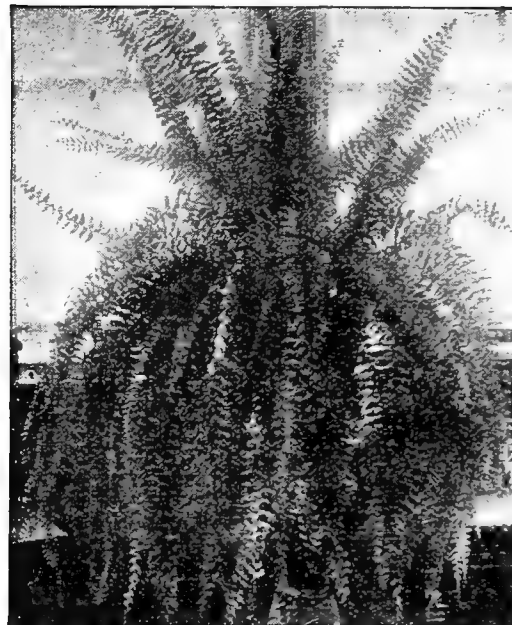


★ Dianthus—Clove Pinks

# FERNS FOR EVERYBODY HOUSE PLANTS IN WINTER

## OUTDOORS IN WARMER WEATHER

Of course all homes need some of these splendid decorative plants for pot plants, hanging baskets and window or porch boxes to use outdoors in spring, summer and fall and indoors in cold weather. Ferns are always in good taste and their luxuriant, finely divided foliage fill a need impossible with other plants. They stand a lot of abuse but well repay us for any special care given them. We offer varieties giving general satisfaction everywhere, easy and quick to grow into sizable plants. They should fill an 8-10-inch pot in one season. Don't confuse with the small 2-in. greenhouse pot size. These are 2 or 3 times larger.



Boston Fern (*Nephrolepis Bostoniensis*), 25c.

**ASPARAGUS FERN—PLUMOSUS**—Lace Fern. Very delicate, semi-climbing type, often used as a table fern and for cut sprays to lighten and grace bouquets of large or heavy flowers. Most delicate, lace-like branching foliage on slender wiry stems for cutting. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**ASPARAGUS FERN—SPRENGERI**—Emerald Feather. The great favorite porch and basket plant in the South. The leaves grow 4-5 ft. long, gracefully drooping. Hundreds of these magnificent plants are seen as porch plants every summer and they make beautiful house plants in winter. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**BOSTON FERN**—Most popular of all true sword ferns. Fronds or leaves often 5-6 ft. long, arching and very luxuriant. Quickly grows to immense size and lasts for years. Often called "fountain fern" and large specimens are always in great demand. We use it on front porch and under trees in summer and indoors in winter. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00. Large 5-in. pot-size plants—40c. 3 for \$1.00. 12 for \$3.50.

**DWARF BOSTON—SCOTTI**—Similar to Boston except more compact; shorter, heavier fronds and denser growth. Easier to handle in moving around because of more erect growth. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**OSTRICH PLUME—WHITMANI**—Awarded many gold medals. The large decorative fronds are made up of many leaflets which are themselves finely divided, a plumy effect and making this a charming fern. It would be difficult to imagine a more decorative plant. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**ROOSEVELT FERN**—General form like the Boston but produces more fronds with leaflets beautifully undulated, giving it a wavy appearance which is most effective. It is bushier and more handsome than the Boston, already next to it in popularity. Very free growing. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**SPRINGFIELD FERN**—Fluffy Ruffles. Very compact, rather slow growing; short, heavy, finely divided fronds giving appearance of a fern within a fern. Valuable alike for house and table decoration. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

**SWORD FERN—COMPACTI**—Dense growth with many straight, sword-like fronds held quite erect. Valuable to accentuate drooping ferns and for contrasting variety. Free growing and attractive. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$10.00.

## COLORED FRENCH HYDRANGEAS

These mammoth flowered colored Hydrangeas should not be confused with the perfectly hardy type. While these French sorts are generally hardy with some protection in the central and lower South, they are chiefly used as pot or tub-plants and protected or taken inside in winter. They need shade outside and do nicely treated as ferns. Everybody wants Blue and Pink Hydrangeas. Here's how to have them. Varieties below are naturally various shades of pink in neutral or acid soil. Adding a little alum, or top dressing with sulphate of ammonia, changes the light pinks to light blue, deep pinks to deep blue. Keep moist. Hot dry, weather turns the blues back to pink. Colors cannot be guaranteed. See Page 105 for Hardy Hydrangeas.

**E. G. HILL**—Baby Pink. Wonderful free pink that does not fade. Growth vigorous, leaves luxuriant, flower heads large. In greatest demand and regularly used for enormous blue flowers. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$12.50.

**LA MARNE**—Rose Pink. Largest flowering of all Hydrangeas; midseason blooming; heavy, strong plants with luxuriant foliage. Immense trusses of large, glossy rose-pink

florets. 35c each. 3 for 75c. 12 for \$2.50. 100 for \$15.00.

**MARECHAL FOCH**—Carmine Red. New and exceptional, very early and free-flowering. Large rich colored flowers on compact plants, not so tall as other varieties. Wonderful tub variety. 35c each. 3 for 75c. 12 for \$2.50. 100 for \$15.00.

**SOUVENIR DE MME. E. CHAUTARD**—Deep Pink. Hardest, early and very free-blooming rosy pink. Probably the most satisfactory out-door variety, blooms from new growth each spring and as hardy as the old common Otaksa variety. 25c each. 3 for 50c. 12 for \$1.75. 100 for \$12.50.



Colored French Hydrangeas Are Beautiful

## HASTINGS' PANSY PLANTS

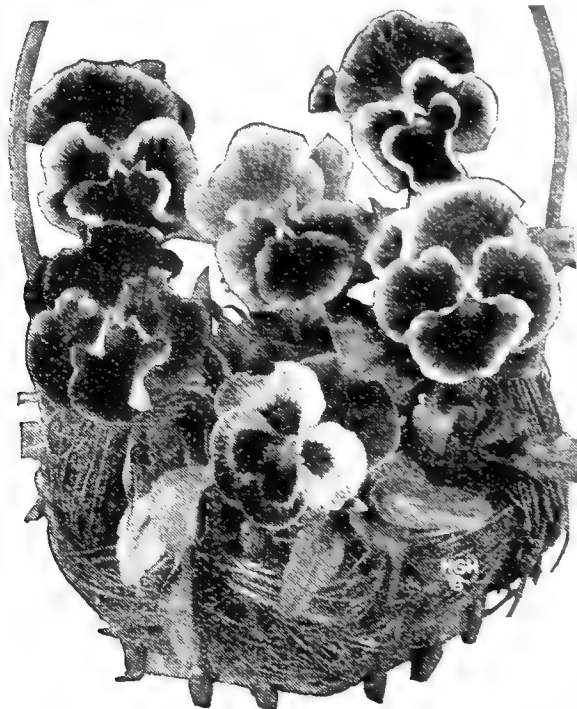
**Hardy Biennial.** Everybody loves Pansies. For pot and dish plants, window and porch boxes, beds and edging to the perennial borders, no plant seems quite so human, so cheerful and personal as the Pansy. It's like going into a laughing gallery to watch the faces in a bed of Pansies and we've sat for hours watching and studying their expressions. Like elves in "Rip Van Winkle," they spring from everywhere among their leafy tufts and glare at us in their royal colorings. We have some fine plants this year and a wonderful assortment of large flowering "faces."

We have naturally tried out many strains of Pansies in order to determine not only the largest flowered type and richest, brightest colored strain but also to find which are most satisfactory when grown in the South. Roggli Swiss Giants are well known as the finest type of mammoth sized Pansies in existence. Hastings' Exhibition strain is this same type, improved with the greatest variety of colors, especially bright colors, to be found in this popular flower and they seem to stand warm weather at least as well as any type to date.

Hastings' Pansy Plants are large, blooming size plants, many already in flower. They are sure to please you and make you love Pansies more than ever.

**Pansy Prices** **FLOWERING SIZE PLANTS**—All Colors Mixed—6 for 45c. 12 for 75c. 100 for \$4.50. Postpaid.

**"Everything That Grows"** Do you fully realize what a great advantage you have as a Hastings' Customer? Always the best of "Everything that Grows" and more actual value for your money than you can obtain anywhere else.



Hastings' Giant Pansies for Everybody—6 for 45c.

**Forget-Me-Not MYOSOTIS**—Charming in border, rock garden or by the waterside. They like shade and moisture. Blooming in early spring, they make a fine ground cover. Palustris is everblooming. April until fall. 5 to 8 inches tall; wide spreading.

**F. PALUSTRIS SEMPERFLORENS**—Large, clear blue. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**F. GRAND ROSEA**—Large pink-flowered form. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Funkia PLANTAIN LILY-HOSTA**—Handsome plant for border, bed or garden, especially in moist, shady places. Easy plant to grow and its massive foliage is very attractive. Growing 1½ to 2 ft. with refreshing flower clusters, it is a splendid landscape subject.

**F. LANCEOLATA**—2 in. lilac flowers in September. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Gaillardia BLANKET FLOWER**—Thrives even in poor, dry soil; prefers lots of sun. Easily grown. 2 to 3 ft. high, very bushy and with a blanket of huge daisy-like flowers from May to frost. Red and deep orange flowers tipped gold. For cutting, borders and beds.

**G. PORTOLA HYBRIDS**—Largest, finest new strain. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Geum AVENS**—Popular and pretty, showy border and rock plants, 12 to 18 in. high and flowering from April to July. 1 to 1½ in. flowers in heads. Easy to grow and our varieties are the brightest and largest flowers, most attractive and most satisfactory of all.

**\*G. LADY STRATHEDEN**—Double golden yellow. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**\*G. MRS. BRADSHAW**—Showy, double fiery scarlet. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Gypsophila BABY'S BREATH**—Thrives in any sunny soil and should be in every garden for graceful, airy large panicles of miniature, snow-flake-like white flowers. Unsurpassed for cutting and border. June to August flowering, 2 to 3 ft., flowering masses.

**G. BRISTOL FAIRY**—Newest, finest, largest, purest double white. Selected plant strain, surpassing any other variety. 45c each; 3 for \$1.00; 12 for \$3.25; \$19.50 per 100.

**G. PANICULATA**—Popular single white. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**\*G. REPENS**—Trailing rockery form; clouds of white. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Helianthemum ROCK OR SUN ROSE**—Low growing evergreen plant forming broad clumps. Hidden by a mass of summer bloom. 6 to 8 in. high, of great value for rock gardens, walls, edging and on sunny banks. Exceptional to use in sunny locations.

**\*H. BUTTERCUP**—Golden yellow, single flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Heliopsis HARDY ZINNIA**—Orange Sunflower. Most effective in sunny borders and masses. Large, golden orange colored flowers on long, wiry stems; fine for cutting. 2 to 3 ft. tall; all-summer flowering. Ours has several layers of petals, quite different from the common single hardy Sunflowers.

**H. ZINNIAEFLORA**—Double gold, Zinnia-like flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Hemerocallis YELLOW DAY LILIES**—Tall, graceful. 2 to 3 ft., grass-like leaves of all season attraction. Quick growing and rapidly spreading. Delightful medium-sized lily flowers freely produced in May. Succeed everywhere and always popular.

**H. AURANTIACA**—Orange Day Lily. Richest orange. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**H. FLAVA**—Lemon Day Lily. Bright yellow. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Heuchera CORAL BELLS**—Alum Root. Very useful and pretty little plant with delightful coral bell-shaped flowers in fairy-like spikes through the summer. Likes part shade in rockery or front of border. Dwarf, compact, erect plants; 12 to 18 in. high; delicate cut flowers.

**\*H. SANGUINEA**—Coral-red bells; scalloped leaves. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Hibiscus MARSHMALLOW**—Rosemallow. Improved Giant Flowering Mallow Marvels with intensified colors and immense size, often 10 in. across. Growing 5 to 8 ft. high in dry or wet soil, hardy and profuse flowering from June to September, they are gorgeous for specimens, groups or in the border. Red, pink and white flowers like huge single Hollyhocks.

**H. MALLOW MARVELS**—Huge red, white and pink flowers for a marvelous show of flowers and attractive foliage. Mixed colors. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Hollyhocks** *Althea rosea*. Most important and effective of all tall border perennials. Long, stately shafts densely covered with large rosette-like, craped flowers. They thrive in a sunny location and good, deep garden soil enriched with plenty of well-rotted manure. Water well during droughts. Very double, massive spikes come in midsummer, year after year, to give grand displays of color. After well established little attention is needed. Hollyhocks, though greatly improved in recent years, are old-fashioned favorites and hold a place in heart and garden that can be filled by no other flower. 6 to 8 ft. tall. Order colors desired.

**H. NEW LILAC BEAUTY**

**H. NEWPORT PINK**

**H. VIVID RED**

**H. SULPHUR YELLOW**

Each Variety: 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Iberis**

**HARDY CANDYTUFT**—Rockery and edging delight.

Sheets of flowers completely hide the evergreen foliage in April and May. Dwarf, 6 to 10 inches, and very desirable for edging, rock work, covering bare spots in borders and for cemetery plantings. Give good soil, sun and water for finest display.

**\*I. GIBALTARICA**—Clear lavender. Large flowering for cutting. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**\*I. SEMPERVIRENS**—Very dwarf, 6 to 8 inches, free flowering white. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Lathyrus EVERLASTING SWEET PEA**—Fast coming into popular use for covering fences, arbors, trellises and banks. Strong, vigorous perennial vines. 8 to 10 ft. high, of easiest culture in most any soil and last for years without attention. Foliage is similar but heavier than annual Sweet Peas. Clusters of flowers are borne continuously.

**L. PINK BEAUTY**—Large racemes; deep rose-pink flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**L. RED**—The well-known red Everlasting Sweet Pea. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**L. WHITE PEARL**—Improved white, stems with 12 to 15 flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Lavendula SWEET LAVENDER**—Old-fashioned, sweet-scented, aromatic herb, 2 to 3 ft. high. Grown both for its ornamental flowers and as a sweet herb. 2 to 10 small flowered whorls crowd themselves into long-stemmed cylindrical spikes. June to August blooming, when it is covered with lavender flowers.

**L. VERA**—True old-fashioned Sweet Lavender. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Liatris BLAZING STAR**—Gay Feather. Striking native plant for border or naturalized in wild garden. Single shafts shoot up 4 to 6 ft. high with terminal spikes a foot or more long, covered with disks of rose-purple flowers in July and August. Luxuriant growth, first rate cut-flowers; doing well in poor or rich, moist or dry soils, anywhere.

**L. PYCNOSTACHYA**—Long erect stems with a dense mass of attractive light rosy purple flowers on the terminal spikes. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Linum—Blue Flax** Erect sub-shrub 1½ ft. high, grown for its attractive bloom from April throughout the summer. Most easily grown, light and graceful foliageed plants for rockery and border. Large, 1 in., light azure blue flowers of delicate beauty. Give sunny situation and good drainage, setting plants 8 to 12 inches apart.

**\*L. PERENNE**—Beautiful pale blue perennial Flax. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

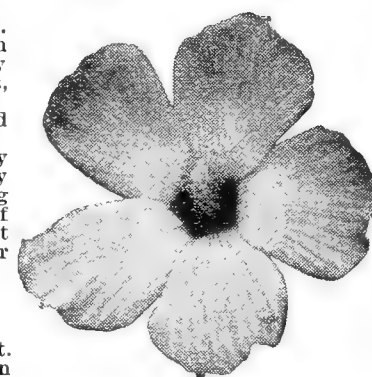
**NOTE! PLANT THESE HARDY PLANTS OUTDOORS BEFORE MARCH 15TH**



Gaillardia, Blanket Flower



Hemerocallis, Day Lily



Hibiscus—Mallow



Helianthemum, Sun Rose



Linum—Blue Flax



Iberis—Candytuft





Queenly Japanese or Kaempferi Iris—25c

# HARDY JAPANESE IRIS

**IRIS LAEVIGATA OR KAEMPFERI VARIETIES**—This stately section of the Iris family embraces flowers of wonderful color, vivid yet very harmonious in the rainbow of fascinating color combinations. The great size of the flowers, often 6 to 8 inches and more across, make them all the more noteworthy. Plant shallowly, with crown above soil surface. Unlike the German or Garden Iris, they stand almost unlimited quantities of fertilizer (but no lime) and even swampy ground, but any good, well-drained soil should give sturdy growth and amazing blooms if they are given plenty of water during the dry season. They come into bloom right after the German Iris and are at their best in June. Cut when in bud, letting flowers open with stems in water, for finest cut-flowers.

**GEKKO-NO-NAMI**—(Waves under Moonlight.) White. Earliest and very free-blooming. Color glistening white with rich creamy-white stigmas. 25c each; 3 for 60c; 12 for \$2.00.

**MONIJI-NO-TAKI**—(Maple Waterfall.) Rosy Crimson. Very choice double variegated variety of bright rosy-crimson, beautifully feathered in white. Petal-like stigmas are white, crested purple. 25c each; 3 for 60c; 12 for \$2.00.

**KOKI-NO-IRO**—(Purple and Gold.) Violet-purple. Enormous double flowers often ten inches across, early and prolific bloomer. Rich violet-purple with white petal-like stigmas tipped violet. Conspicuous golden throat with sharp bluish white rays. 25c each; 3 for 60c; 12 for \$2.00.

**UCHIU**—(Universe.) Blue and Gold. Beautiful, 6-petaled flowers of largest size. Cerulean-blue with golden center and white halo and rays. Standards white, tipped blue. Longest blooming season. 25c; 3 for 60c; 12 for \$2.00.

**MAHOGANY**—Mahogany Red. Large double flowers, late blooming. Velvet toned, deep, rich mahogany-red with the petal-like stigmas erect and artistically crested. Rich and very desirable. 25c each; 3 for 60c; 12 for \$2.00.

**HERCULE**—Lilac Blue. Immense six petaled, so-called double Iris, of a clear lilac-blue color. Strong, heavy grower; free-flowering and extra large. 25c each; 3 for 60c; 12 for \$2.00.

**Special Offer** One plant each of these 6 wonderful Japanese Iris—Only \$1.00; 3 of each, 18 plants, for \$2.75; 5 of each, 30 plants, only \$4.50.

## HASTINGS' SIBERIAN IRIS

Next in popularity to the Japanese among beardless Iris, are the Siberian. Similarly grown, they quickly form large clumps and many flowers. They bloom early in May until June and resemble the Dutch Iris in flower. They are beautiful in the garden and at home by the pool or stream. Water well at blooming time and they like rich humus (peat moss) and fertilizer (no lime or bone meal). Cut when in bud for beautiful cut-flowers.

**IRIS SIBERICA**—Purplish Blue. 3 ft. tall. Flowers resemble Dutch Iris, excellent for cutting and showy in the garden. May blooming; very free. 25c each; 3 for 50c; 12 for \$1.75.

**SIBERICA ALBA**—Pure White. 3 ft. tall. Makes a bright show in the garden and splendid for cutting. Easily grown, striking white flowers. See illustration. 25c each; 3 for 50c; 12 for \$1.75.

**SIBERICA YELLOW**—Sulphur Yellow. Siberian habit of growth and texture of flowers; foliage like Japanese Iris. Odd and interesting because of rare color. 35c each; 3 for 90c; 12 for \$2.75.

\* **Iris Cristata** Crested Iris; Species. Dainty native creeping delight for our rockeries. 3 in. high; large, rich amethyst-blue flowers. 25c; 3 for 50c; 12 for \$1.75; 100 for \$10.00.

\* **Iris Pumila** Dwarf Iris. Blue-Purple. Earliest blooming, 4 to 6 in. high, German Iris type flowers. Fine for rockery. 25c each; 3 for 50c; 12 for \$1.75; 100 for \$10.00.



Siberian Iris—Alba—25c

# HASTINGS' HARDY GARDEN IRIS

FLAG LILY OR FLEUR-DE-LIS—BEARDED IRIS GERMANICA

## Culture

Irises thrive best in a well-drained, sunny location though sun half the day will suffice. Fertilizer is only necessary in poor soils, bone meal being recommended. A little lime in acid soils is beneficial. Plant so the top of the rhizome or root is not more than half an inch beneath the surface. Plant any time of year, except while in bloom, that ground can be worked. Irises are our most satisfactory perennials.

Standards are the upper petals; Falls are the drooping petals. Heights given are approximate. Numbers following variety names are their percentage ratings by the American Iris Society for exhibition and garden perfection. Write for Special Prices on Quantity Lots.

**B3 AMBASSADEUR**—92-91. 42 in. tall; late. Standards bronzy violet. Falls rich velvety maroon; orange beard. Best variety of all Irises. 35c each. 3 for 80c. 12 for \$2.50.

**B3 CAPRICE**—71-72. 24 in.; midseason. S. reddish purple; F. deeper to soft lavender at base. Grape fragrance and dependable bloomer. 20c each. 3 for 40c. 12 for \$1.00.

**B3 CRIMSON KING**—30 in.; earliest. Both S. and F. rich deep purple. Extra early and welcomed as the first to bloom. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**C3 HONORABLE**—Standards rich golden yellow; Falls rich mahogany. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**A1 KHEDIVE**—Standards light sky blue; Falls light violet blue. Old standard favorite. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**A3 LENT A. WILLIAMSON**—88-88. 42 in.; early. Standards lavender-violet. Falls velvety pansy violet. Rated 96, best in the world in 1922. 25c. 3 for 50c. 12 for \$1.50.

**D2 MME. CHEREAU**—69-70. 32 in. tall. Pure white with broad, striking, clear blue borders. Lovely blue plicata. Special Price—3 for 30c; 12 for 75c; \$4.00 per 100.

**B2 PALLIDA SPECIOSA**—S. violet. F. deep rosy purple. Large; very fine. Strongest grower and splendid bloomer. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**B3 PURPLE KING**—Or Purple Queen. Rich, royal purple. Similar to Kochi color. Early and a beauty. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**B1 QUEEN OF MAY**—71-74. 30 in.; midseason. Soft lilac rose pink in effect. Vigorous, fragrant, most popular pink-toned Iris. 20c. 3 for 40c. 12 for \$1.00. 100 for \$7.00.

**A1 VIOLACEA GRANDIFLORA**—73-76. 36 in. S. and F. clear violet blue. Largest planted variety. Special Price—3 for 30c. 12 for 75c. 100 for \$4.00.

**B2 WALHALLA**—69-73. 24 in.; very early. Standards pale lavender. Falls velvety violet-purple. Intermediate Iris, sure bloomer. Special—3 for 30c. 12 for 75c. 100 for \$4.00.

## HARDY GARDEN IRIS COLLECTION—\$1.25

One plant each of the above 12 popular Irises, each variety labeled, a grand display and large range of colors. Special Value—all for \$1.25. (Our selection of six varieties for 75c). 3 plants of each, only \$3.00; 5 of each, 60 plants, for \$4.50—Postpaid.



Hardy Garden Iris—Mother of Pearl—25c

# WORLD'S FINEST IRIS

**Key**—Lettering in front of names means: A, blue shades of lavender and purple; B, pink or red toned lavender and purple; C, yellow; D, white. Numbers indicate: 1, all light and self colors; 2, medium color density; 3, deep coloring and bi-colors. **A1, ASIA**—92-88, therefore, is a light bluish lavender colored Iris, 92% perfect for exhibition flowers and 88% perfect for garden and landscape use, by the latest American Iris Society rating. 75% is considered a good rating. This grouping makes your color selection easy and ratings make your choice an expert one.

**A1 ANN PAGE**—86-85. 44 in. tall; late. Bi-color light lavender blue, Falls deeper shade. Hazel haft, ideal form and branching. 35c; 3 for 75c; 12 for \$2.50.

**A1 ASIA**—92-88. 50 in. tall; late. Standards broad, massive; pale silvery lavender, gold base. Falls rosy lavender, lighter margins; golden yellow beard. 50c; 3 for \$1.00; 12 for \$3.50.

**A1 BALLERINE**—90-89. 48 in.; late. Standards broad, light blue violet, waved at margins. Falls broad, deeper color. Enormous perfect flowers; fragrant. 50c; 3 for \$1.00; 12 for \$3.50.

**A1 LORD OF JUNE**—88-78. 40 in. tall; midseason. Standards palest lavender-blue. Falls rich aniline blue. Largest bicolor blue; handsome; fragrant. 35c; 3 for 75c; 12 for \$2.50.

**A1 PALLIDA DALMATICA**—88-88. 40 in., midseason. Clear lavender-blue, pale, silvery blue at base. Superb standard Iris. 25c; 3 for 50c; 12 for \$1.50.

**A1 PRINCESS BEATRICE**—90-90. 40 in.; early. Standards silvery lavender. Falls deeper with violet tint; flaring. Satiny texture; great substance. 25c; 3 for 50c; 12 for \$1.50.

**A1 QUEEN CATERINA**—88-88. 36 in.; midseason. Light lavender-violet, smooth iridescent surface; contrasting bright orange beard. 25c; 3 for 50c; 12 for \$1.50.

**A1 SANTA BARBARA**—91-89. 38 in.; midseason. Gigantic. pure lavender-blue self; horizontal Falls. Finest lavender blue; well branches. 50c; 3 for \$1.00; 12 for \$3.50.

**A2 BENBOW**—76-78. 36 in.; late midseason. Standards and Falls deep violet-blue. Large blooms on erect, well-developed stems. 25c; 3 for 50c; 12 for \$1.50.

**A3 ALCAZAR**—86-87. 40 in.; midseason. Standards bluish mauve. Falls brilliant dark purple, bronze base veining. Vigorous, great size. 20c; 3 for 40c; 12 for \$1.00.

**A3 BLACK PRINCE**—75. 24 in.; late. Standards blue-purple. Falls deep rich velvety black-purple; bright orange beard. Very rich. 20c; 3 for 40c; 12 for \$1.00.

**A3 MONSIGNOR**—74-77. 24 in. Pale violet; Falls overlaid deep violet-purple except at edges. Brown tipped orange beard. 20c; 3 for 40c; 12 for \$1.00.

**A3 PROSPERO**—81-82. 48 in.; late midseason. Standards pale lavender, yellow base flush. Falls pansy violet blend. Very large, fine bicolor. 25c; 3 for 50c; 12 for \$1.50.

**A3 SOUV. DE MME. GAUDICHAU**—91-88. 40 in.; early. Standards violet. Falls brilliant blackish Purple. Fragrant; magnificent every way. 35c; 3 for 75c; 12 for \$2.50.

**B1 HER MAJESTY**—73. 24 in.; midseason. Standards lovely rose-lilac. Falls same, veined darker. Very useful pink toned lavender Iris. 20c; 3 for 40c; 12 for \$1.00.

**B1 LOHENGRIN**—76-79. 30 in. Large, prolific, rich silvery lilac with delightful pink tone. Favorite standard variety. 3 for 30c; 12 for 75c; \$4.00 per 100.

**B1 MOTHER OF PEARL**—84-84. 44 in.; midseason. Light pinkish lavender, white throat overlaid gold. Iridescent Mother of Pearl colorings. 25c. 3 for 50c. 12 for \$1.50.

**B1 QUAKER LADY**—72-75. 38 in.; midseason. Standards smoky lavender. Falls same, overlaid orange buff. Medium sized bicolor of great vigor. 20c. 3 for 40c. 12 for \$1.00.

**B1 SUSAN BLISS**—85-86. 40 in.; midseason. Finest approach to a pink Iris. Beautifully shaped orchid to deep rose-pink; orange beard. 50c. 3 for \$1.00. 12 for \$3.50.

**B3 AMBASSADEUR**—92-91. 42 in.; late. Standards bronzy violet. Falls rich velvety maroon; orange beard. Best single variety of all. 25c. 3 for 50c. 12 for \$1.50.

**B3 DR. BERNICE**—74. 24 in.; midseason. Standards coppery bronze. Falls velvety crimson. In effect, a brown Iris. Special—3 for 30c. 12 for 75c. \$4.00 per 100.

**B3 KOCHI OR MIDNIGHT**—75-80. 24 in.; very early. Richest, deep claret purple self. Large and great color. Intermediate species. 25c. 3 for 50c. 12 for \$1.50.

**B3 MORNING SPLENDOR**—91-91. 40 in.; midseason. Standards rich red violet. Falls richer raisin-purple. Delightful fragrance. Best American Iris. 50c. 3 for \$1.00.

**B3 OPERA**—82-83. 28 in.; midseason. Standards violet rose. Falls rich velvety violet-purple. Exceedingly beautiful coloring. 25c. 3 for 50c. 12 for \$1.50.

**C1 GOLD IMPERIAL**—86-87. 33 in.; midseason. Brilliant chrome yellow throughout except brilliant orange beard. Finest yellow. 35c. 3 for 75c. 12 for \$2.50.

**C1 SHEKINAH**—84-84. 36 in.; midseason. Clear soft yellow, deeper center; orange beard. Pallida form and growth. Fragrant. 25c. 3 for 50c. 12 for \$1.50.

**C1 SHERWIN WRIGHT**—77-76. 24 in. Rich golden yellow without shadings. Prolific; showiest yellow. 20c. 3 for 40c. 12 for \$1.00.

**C2 DARIUS**—24 in.; midseason. Flushed and clouded lilac on this pretty primrose yellow variety. Our only yellow blend. 3 for 30c. 12 for 75c. \$4.00 per 100.

**C3 LORELEY**—73-78. 24 in. Standards light yellow. Falls ultra-marine blue, bordered cream. Striking bi-color. 20c. 3 for 40c. 12 for \$1.00.

**D1 FLORENTINA ALBA**—76. Standard earliest, free-flowering white Iris with slight bluish sheen. Large, long flowers; fragrant. 20c. 3 for 40c. 12 for \$1.00.

**D1 MRS. H. DARWIN**—68. 24 in.; late. Standards snow white. Falls white, slightly reticulated violet at the haft. Free-flowering. 20c. 3 for 40c. 12 for \$1.00.

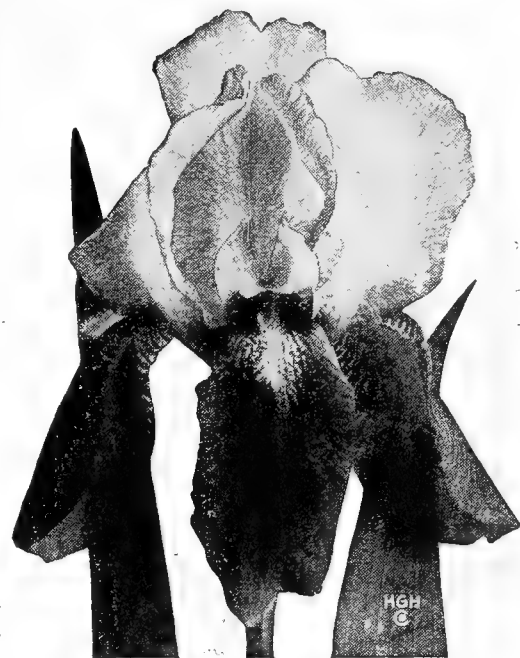
**D1 WHITE KNIGHT**—79-80. 24 in.; late. Beautifully formed pure white Iris of medium size; sweetly scented. 25c. 3 for 50c. 12 for \$1.50.

**D2 FAIRY**—76-78. 36 in.; midseason. White, delicately edged and suffused pale blue. The standard, sweet scented, blue plicata. 25c. 3 for 50c. 12 for \$1.50.

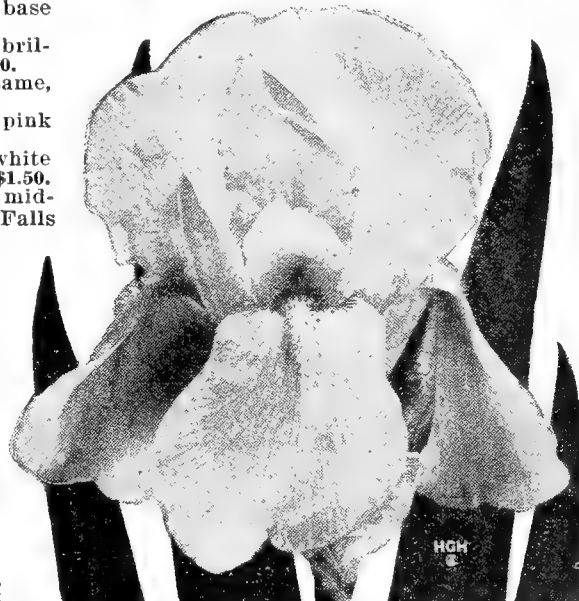
**D2 PARISIANA**—74-74. 32 in. Delightful French variety of white, edged delicately with lilac. One of the finest blue plicatas. 20c. 3 for 40c. 12 for \$1.00.

**D3 RHEIN NIXE**—82-83. 36 in.; midseason. Standards snow white. Falls pansy violet with white margins. Striking bi-color; fragrant. 25c. 3 for 50c. 12 for \$1.50.

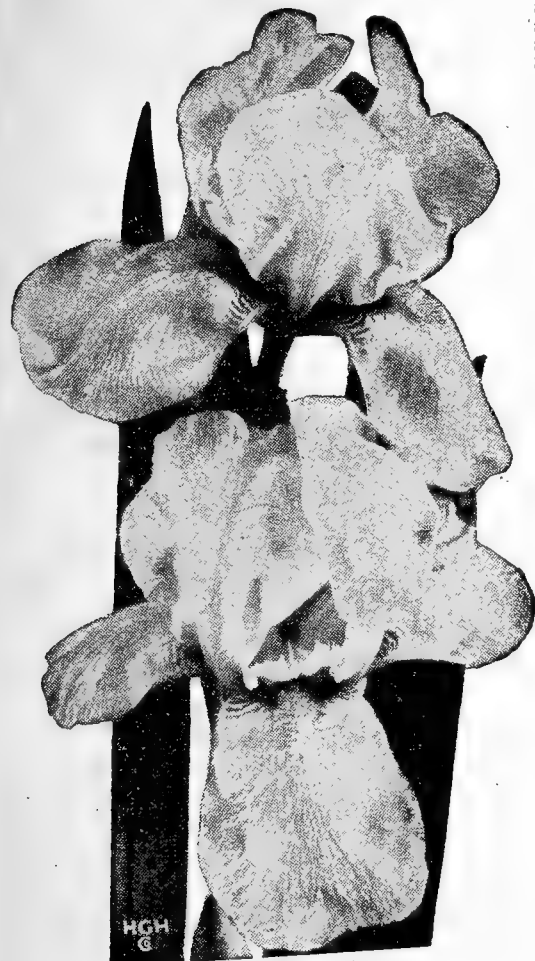
**Hastings' Irises** Regardless of these cheap prices, you are sure of getting the finest outdoor-grown plants. Write for special prices on larger quantities. Irises are the most satisfactory Perennials grown.



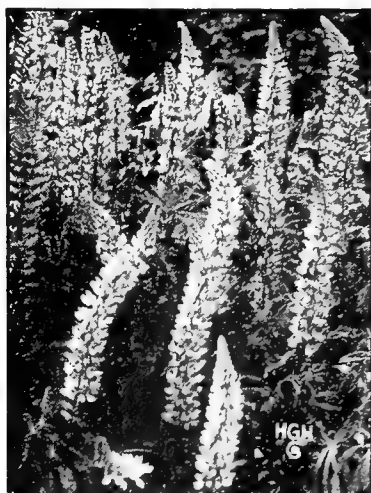
Ambassador—Nothing Finer—Page 100



Ballerine—Finest Light Blue—50c



Pallida Dalmatica Garden Iris



Lupinus—Lupine



Nepeta for Rockery



Physostegia

**Lobelia CARDINAL FLOWER**—Tall growing, handsome and striking border plants. Richest, fiery cardinal-red flowers; strong plants, often producing 10 to 20 spikes, 2 to 3 ft. long. Lobelia thrives in ordinary garden soil but prefers a moist, deep loam where it doesn't suffer from drought. July to September, you can hardly find a more effective flowering plant.

**L. CARDINALIS**—The fiery red Cardinal Flower. Strong plants. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Lupinus LUPINE**—Bold decorative plants for border and cutting. They require only a well-prepared garden soil, preferably in part-shade. After established they dislike to be disturbed but will enjoy moderate feeding and a supply of water. The flowers are at their best in May and June but their foliage is decorative all season.

**L. POLYPHYLLUS**—Art shades and blends of blue, pink and white. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Lycnis CAMPION**—Adorable old-fashioned upright perennial, with brilliantly colored flowers. Easily grown; 2 to 3 ft. high; scarlet flowers, 1 in. across, in large, dense terminal heads through the summer. Set plants 18 in. apart in good soil in a sunny location. Groups of Lycnis will surely put colorful life into your garden. Divide clumps every third year.

**L. CHALCEDONICA**—Scarlet Lightning, Maltese Cross, Jerusalem Cross. 3 ft. high; vivid scarlet flower heads to brighten your garden. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Mazus** One of the finest and most interesting flat ground covers for the rock garden, wall garden or waterside. It thrives in partial or dense shade and the low, mat-forming, creeping plants make a splendid carpet. During April to June, the exquisite light violet blue flowers resembling tiny hands are freely produced on 3 to 4-inch stems. Plants stand abuse.

**M. REPTANS**—Orange-yellow throated light violet-blue flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Mertensia VIRGINIA BLUEBELLS**—Cowslip. One of our most interesting and delightful early spring native flowers. Luxurious large, smooth oblong leaves, quickly surmounted by large panicles of somewhat nodding bell-shaped flowers 1 in. long. Flowers have purple tubes and handsome light blue bells which gradually turn to clear pink. Plants 1 to 1½ ft. high, disappear for the season soon after April-May blooming, leaving the space for other flowers. These Bluebells are permanent. Use them in large quantities; naturalized, in the open border along paths, by pools or streams in shady or partly shaded places. They bloom with Daffodils and last into Tulip time.

**M. VIRGINICA**—The permanently beautiful Virginia Bluebells. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Monarda BERGAMOT**—Oswego Tea, Bee Balm. One of the greatest showy perennials. Brightest colored flower-heads from June until August on 3-ft., erect stems and with abundant aromatic foliage. Of easiest culture in any soil or position. Striking in masses; large double-lipped flowers in dense clusters at the top of each stem and branch.

**M. CAMBRIDGE SCARLET**—*M. didyma*. Most flashy crimson-scarlet. Glowing color. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**M. ROSEA**—*M. didyma*. Beautiful rose colored variety; very free-flowering. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Nepeta GROUND IVY-CATMINT**—Favorite plant for any situation, most handy among rocks. Compact, dense plants about 1 ft. high and clusters of ¼ in., lavender-blue flowers from June until August. Indispensable for rock gardens.

**\*N. MUSSINI**—Lavender or light violet-blue flowers with dark spots. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**PACHYSANDRA**—See Page 105. Excellent shady ground cover.

**Physalis CHINESE LANTERN**—Ornamental variety of Winter Cherry. 2 ft. high, bushy plants with loads of bright orange-scarlet, lantern-like fruits, which may be cut and dried for winter decoration. May be dyed or painted any other colors desired. Give good soil in sun or light shade.

**P. FRANCHETI**—Richest everlasting ornamental. A money maker. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Physostegia FALSE DRAGONHEAD**—Obedient Plant. Greatly appreciated for their attractive foliage and long spikes of beautiful tubular flowers from early spring until late fall. Most easily grown in sun or part shade. Flowers stay in any position turned, hence obedient. For garden or cutting.

**P. VIVID**—Rich mauve pink. New, largest flowers, finest of all. 18 to 24 in. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Platycodon BELL FLOWER**—Balloon Flower. Closely allied to Canterbury Bells. 2 ft. high, branching; balloon-like buds open to Chinese bell-like flowers, finally opening almost flat. May to October blooming; lasting cut-flowers on stiff stems. Give good soil in sun or part shade.

**P. GRANDIFLORUM**—Large, showy, rich blue flowers, 2 to 3 in. across. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**P. GRANDIFLORUM ALBUM**—Largest, white flowered companion to the blue. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Plumbago LEADWORT**—*Ceratostigma*. Delightful low-growing, spreading plants; small, deep green, leathery, heart shaped leaves; clear peacock-blue flowers in small clusters just above the foliage. It makes good ground-cover, path and border edging and for rock gardens in sun or light shade. Late summer and fall flowering; 6 to 8 in. high.

**\*P. LARPENTAE**—Deep, clear blue flowers. Dwarf, spreading, colorful and a rock garden delight. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Primula HARDY PRIMROSE**—Cowslip, Pansy-wort. Splendid, showy little tufty plants for naturalizing near shrubs, in borders or in shady places near pools or in rockery. 6 to 8 inches tall; rich green leaf rosettes, surmounted by large panicles of richest colored, round, flat flowers in spring. Ours is the Bunch Primrose, Polyanthus type. Give rich, moist, shady situation.

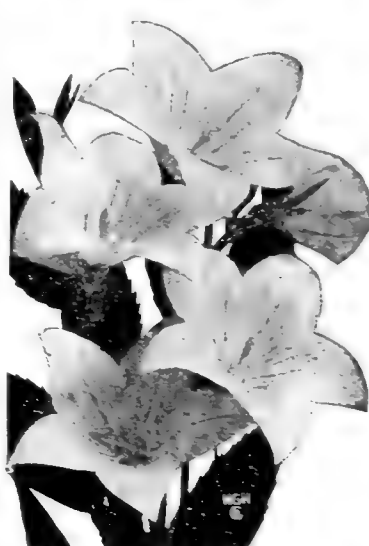
**\*P. VERIS HYBRIDS**—English Cowslip. Clear yellow to shades of lilac, purple, violet, red, orange, salmon and buff. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.



Mertensia—Bluebells



Physalis—Lantern Plant

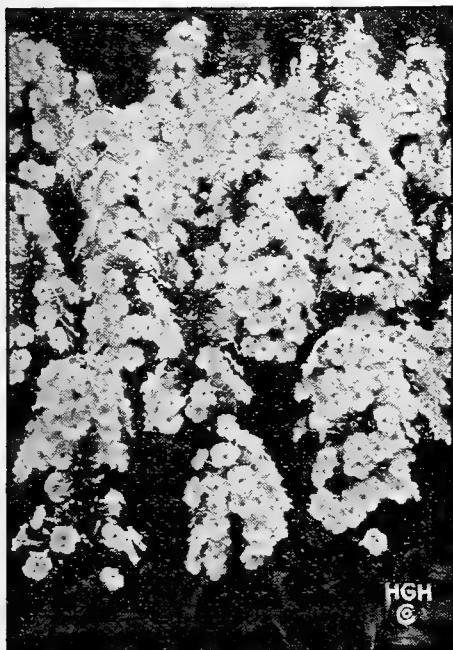


Platycodon—Bell Flower





Peony—Festiva Maxima



Hardy Phlox—Mrs. Jenkins

## PEONIES

Rivaling Roses, these beautiful and luxuriant flowers of brilliant hues and gorgeous size, are desired by all. Showiest of spring flowers, valuable for cutting and of commanding attention. Plant roots shallowly, covering not over 1 in., in deep, rich soil, in full or part sun. Peonies grow in the middle South and farther north. Spare blooming the first year, increasing flowers each year thereafter. Water well in spring and summer. Leave off watering in fall, giving plants a long rest.

**ALBERT CROUSSE**—8.6. Soft Shell-Pink. Flecked crimson. Large full, free bloomer; tall; late. 45c; 3 for \$1.00.

**BARONESS SCHROEDER**—9.0. Flesh White. Tall, mid-season. Immense; turning milk white. Fragrant; 45c; 3 for \$1.

**EDULIS SUPERBA**—7.6. Deep Rose Pink. Tall, early. Large, fragrant, dependable cut-flower. 45c; 3 for \$1.00.

**EUGENIE VERDIER**—8.6. Light Hydrangea Pink. Huge, compact blooms; strong stems; fragrant. 45c; 3 for \$1.00.

**FELIX CROUSSE**—8.4. Ruby Red. Medium, midseason. Large, fragrant globular, dazzling red. 45c; 3 for \$1.00.

**FESTIVA MAXIMA**—9.3. White. Tall, early. Flecked crimson. Grand bloomer, most popular white. 45c; 3 for \$1.00.

**LIVINGSTONE**—8.1. Soft Lilac Rose. Flaked carmine, silver tips. Tall, late. Large, extra choice. 45c; 3 for \$1.00.

**MARGUERITE GERARD**—8.4. Flesh. Light lilac-white. Tall, late. Full, globular flowers; erect. 45c; 3 for \$1.00.

**MEISSONIER**—Red. Tall, late. Brilliant purple-red guard petals, deep crimson center. 45c; 3 for \$1.00; 12 for \$3.25.

**MME. EMILE GALLE**—8.5. Shell Pink. Delicate lavender touches. Medium, midseason. Fragrant, large. 45c; 3 for \$1.00.

**MONS. JULES ELIE**—9.2. Silvery Pink. Medium, midseason. King of Peonies; largest, finest cut-flower. 45c; 3 for \$1.00.

**SARAH BERNHARDT**—9.0. Mauve Rose. Silver tipped. Tall, midseason. Large, perfect cutting. 45c; 3 for \$1.00.

## PHLOX

**P. DECUSSATA**—Most important hardy border perennials for all summer and fall blooming. Succeed in most any situation, improving each year. Brilliant range of colors in huge flower heads to captivate you. The new varieties are amazing. 2 to 3 ft. tall.

**AFRICA**—Red. Richest carmine red, blood red eye. 25c.

**COMMANDER**—Red. Brilliant crimson, deeper eye. 25c.

**ECLAIREUR**—Rosy Magenta. White eye or halo. 25c.

**ELIZABETH CAMPBELL**—Salmon Pink. Red eye. 25c.

**ENCHANTRESS**—Salmon Pink. Darker eye; bright. 25c.

**EUROPA**—White. Small crimson-carmine eye. 25c.

**JULES SANDEAU**—Watermelon Pink. One of best. 25c.

**MRS. JENKINS**—Pure White. Best all-round white. 25c.

**RHEINLANDER**—Salmon Pink. Claret red eye; beautiful color and large heads. 25c.

**R. P. STRUTHERS**—Rosy Carmine. Shaded orange scarlet and with claret-red eye. 25c.

**RYNSTROM**—Rose. Paul Neyron Rose color; prolific bearer of heavy flower trusses; lively color. 25c.

**THOR**—Salmon Pink. Overlaid scarlet; small aniline red eye with white halo around eye. Striking. 25c.

**Prices** Each of Above 12 Phlox Plants—25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Special Offer HARDY PHLOX COLLECTION**—One plant each of the above 12 superb varieties, only \$1.50; 3 of each (36 plants) for \$4.25.

**Phlox Subulata THRIFT**—Moss or Mountain Pinks. For rock gardens, sunny ground covers and low edging, nothing else compares. Solid carpet of brilliant bloom in April and May, covering moss-like evergreen foliage. 3 in. high; wide spreading. Indispensable creeping beauties.

**AMOENA**—Rich bright pink; popular favorite. 25c.

**G. F. WILSON**—Soft lavender and delightful. 25c.

**ROSEA**—Rose pink. Thrives hot or dry. 25c.

**VIVID**—Bright pink with fiery red eye. 25c.

**PHLOX DIVARICATA**—Sky Blue. Not a Moss Pink but 10 to 12 in. high, bushy plants with fine heads of larger, light lilac, shaded blue, flowers. 25c.

**PRICES**—Each 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Poppies PAPAVER**—Oriental Poppies. Stately border show-flowers of striking attention. 3 ft. tall, gorgeous color display, huge single, terminal flowers April and May. Of easiest culture; rich loam, feeding and watering gives grandest flowers. Iceland Poppies are dwarf.

**P. BRacteatum**—Like common Orientale, but with immense pure blood-red flowers. This is a wonderful variety. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**P. MRS. PERRY**—Distinct orange-apricot, called salmon-rose. Superb. This is a wonderful variety. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**ICELAND POPPIES**—Papaver nudicaule. Tufts of fern-like foliage, through which 12-in. slender stems appear through entire season, with charming cup-shaped flowers. White, Yellow, El Monte Tangerine, and Gibson's Giant Orange. Each or Mixed—25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Rudbeckia GOLDEN GLOW**—R. Laciniata. Showy, tall border or background plants, 5 to 6 ft. tall, producing masses of large, 3 in., double, golden yellow flowers from June to October. Of very easiest culture in most any soil. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**GIANT PURPLE CONE-FLOWER**—R. Purpurea. Bushy 3 ft. plants, with abundance of 4-in. flowers from June until frost. Large, prominent, brown cone centers, daisy-like petals of odd light reddish purple. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Salvia MEADOW SAGE**—Hardy perennial Salvia, 3 ft. high, with many long graceful spikes of flowers, opening a few at a time, from July to frost. Unless planted thickly or with other plants, sprawls on ground. Grayish foliage.

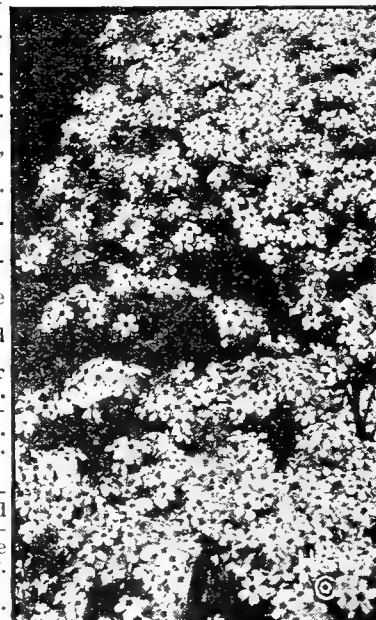
**S. PITCHERI**—Bright indigo blue flowers. Easily grown. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Saponaria SOAPWORT**—Trailing, much branched plant, about 8 inches high. Of easy culture, thriving in any soil and indispensable for rockeries, wall gardens and borders. Attractive masses of flower panicles from April to June.

**S. OCYMOIDES SPLENDENS**—Bright rosy pink flowers. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Scabiosa PINCUSHION**—Hardy perennial border plants with the most exquisite lacy, 2 to 3½ in. flowers of our knowledge. Wonderful, lasting cut-flowers on long, 2 ft. wiry stems. Easily grown in sunny places. Glorious new hybrids surpass anything before offered.

**S. GIANT HYBRIDS**—Isaac House strain. Shades of blue, 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.



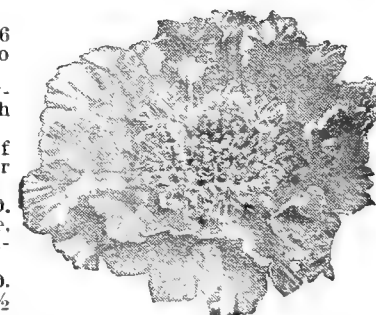
★ Thrift—Phlox Subulata



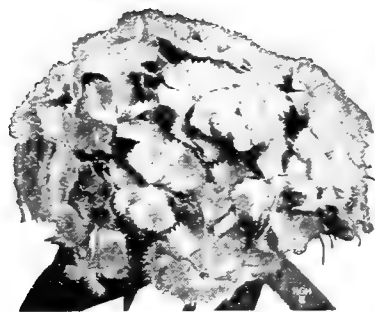
Oriental Poppy



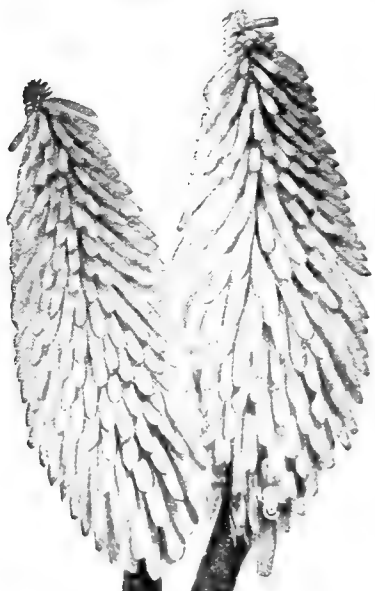
Rudbeckia—Cone Flower



Scabiosa—Giant Hybrid



Sweet William



Tritoma—Red Hot Poker



Vinca Minor—Periwinkle



★ Viola—Apricot Gem

**Sedums STONECROP**—The backbone of rock and wall gardens. Mostly low growing, creeping, matty, mossy, succulent plants with small, starry flowers. Thrive in sun or shade in any soil. Valuable for carpeting the ground and also for covering graves. Use several kinds for rock plantings.

★ **S. ACRE**—3 in., creeping mossy evergreen, forming mats. Bright yellow,  $\frac{1}{2}$  in. flowers in spring and early summer. 25c.

★ **S. ALBUM**—3 in. creeping matty evergreens, oblong waxy foliage.  $\frac{3}{8}$  in. white flowers during spring and early summer. 25c.

★ **S. SARMENTOSUM**—Stringy Stonecrop. Prostrate evergreen, rapid spreading with bright yellow  $\frac{5}{8}$  in. flowers. May to July. 25c.

★ **S. SEIBOLDI**—8 in., tufty gray round leaves rimmed crimson.  $\frac{1}{2}$  in. pink flowers in late summer and fall. Charming. 25c.

★ **S. SPECTABILE BRILLIANT**—18 in.,  $2\frac{1}{4}$  in. gray leaves; erect, immense heads, bright red flowers in Aug. Sept. 25c.

★ **S. SPURIUM COCCINEUM**—6 in., creeping green plants with  $\frac{1}{2}$  in. rosy crimson flowers in midsummer. 25c.

**SEDUM PRICES**—25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Sempervivum HOUSELEEK**—Hen and Chickens. Rockery and wall garden delight. Rosettes of thick, succulent, colorful reddish green tipped leaves. Slowly spreading from offshoots, hence the "chickens." Plants 8 to 10 in. high by 4 in. across and very interesting. Flowers pinkish red, 1 in. across on curving hairy branches.

★ **S. TECTORUM**—Popular Hen-and-Chickens or Old-Man-and-Woman. Perpetual. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Statice GREAT SEA LAVENDER**—Limonium. Valuable border plant, also in rockeries, but especially noted for its everlasting cut-flowers.  $1\frac{1}{2}$  to 2 ft. high; tufts of long, leathery leaves and immense  $1\frac{1}{2}$  to 2 ft. panicles, or candelabra-like heads, of delicate blue Forget-Me-Not formed flowers. June to July flowering; cut and dried, they last for months.

★ **S. LATIFOLIUM**—Minute purplish blue flowers in great airy panicles. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Stokesia CORNFLOWER ASTER**—Stokes Aster. Like very large Cornflowers, this native Southern perennial is effective singly or in masses. 18 to 24 in. high, bearing many 4 to 5 in., azure blue, Cornflower-like flowers from May until frost. Splendid for cutting. Of easiest culture. Thrives in sandy loams.

★ **S. CYANEA**—Bright blue flowers on woolly stems. Native S. C. to La. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Sweet William DIANTHUS BARBATUS**—Old favorites in finest colors, bearing large showy heads of sweet, clover-scented flowers in April and May. Very desirable for border and cutting. 15 to 18 in. tall, leafy flowering stems.

★ **S. W. PINK BEAUTY**—Improved fine deep salmon-pink flowers. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

★ **S. W. SCARLET BEAUTY**—Rich deep scarlet, bright green foliage; very effective. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Thalictrum MEADOW RUE**—Plant in the hardy border for its handsome Columbine-like foliage and masses of graceful, delicate flowers. 2 to 3 ft. tall. We offer the white variety for its show and beauty.

★ **T. AQUILEGIFOLIUM ALBUM**—Elegant feathery white. May to July. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Thymus THYME**—Aromatic sub-shrub or prostrate creeping form, called Mountain Thyme, with dense mats of evergreen foliage and clouds or sheets of flowers in May and June. It makes a perfect, fragrant carpet on hot, dry, sunny banks, where grass is difficult to establish. Also splendid ground cover for planting among spring flowering bulbs and to shade soil among lilies.

★ **T. COCCINEUS**—Scarlet Thyme. Bright red; most effective Serpyllum variety. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Tritoma RED HOT POKER**—Torch Lily, Flame Flower. Striking, colorful and showy border herb. Clumps of very long, grass-like basal leaves; red and yellow drooping tubular flowers on tall poker-like spikes. 3 to 4 ft. high. Top flowers scarlet, lower ones rich yellow, in July to September.

★ **T. PFITZERI**—Showiest and best; richest orange-scarlet. Mulch in winter. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Valeriana GARDEN HELIOTROPE**—Valerian. Of easiest culture in flower garden or border. 2 to 4 ft. tall, branching herbs, grayish foliage and stems surmounted by large, wide panicles of minute red to rosy white flowers in summer.

★ **V. COCCINEA RUBRA**—Centranthus. 2 to 3 ft., with very large showy heads of reddish flowers from May until fall. Ideal border plant. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

★ **V. OFFICINALIS**—Hardy Garden Heliotrope. 4 ft., producing large showy heads of rose-tinted white flowers in May and June; delicious Heliotrope odor. 25c; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Veronica SPEEDWELL**—Beautiful border and rockery plants. Thrive in sunny, rich soils and of easiest culture. Attractive foliaged stems leaves opposite; small, richest blue tubular flowers in dense terminal spikes 6 in. or more long. Indispensable hardy garden plants, always satisfactory, cooling and delightfully refreshing flowers through the summer months.

★ **V. INCANA**—V. Candida. 1 ft. tall; silvery green foliage; richest blue flowers. Beautiful erect growth; majestic spikes. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

★ **V. LONGIFOLIA SUBSESSILIS**—2 ft. tall; largest, richest deep blue. Japanese Speedwell Splendid for cutting; indispensable in the border. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

**Vinca PERIWINKLE**—Trailing Myrtle. Trailing evergreen plant, used extensively for carpeting the ground under shrubs and trees and on graves where it is too shady for grass or other plants to thrive. Flowers lilac-blue to white,  $\frac{3}{4}$  in. across, but rather inconspicuous.

★ **V. MINOR**—Strong, nursery grown clumps. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.

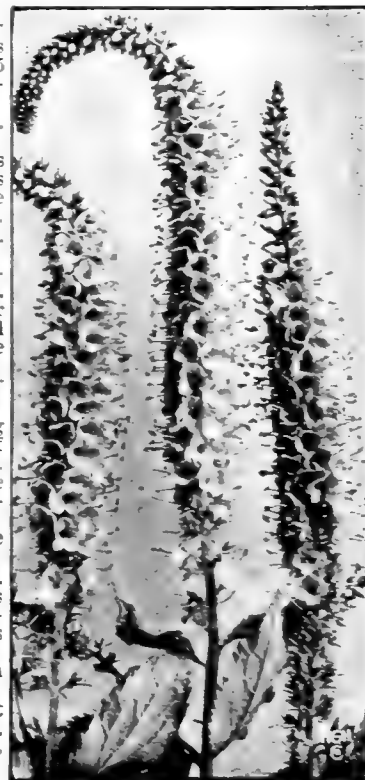
**Viola TUFTED PANSIES**—Johnny-Jump-Ups. The improved new forms of these wonderful edging and bedding plants, flowering 8 months of the year, make Violas really wonderful garden subjects. Far more beautiful than the largest violets as well as continually blooming; surpassing Pansies in everything but size, these new, easily grown, rapidly spreading English Violas are certainly indispensable for partially shady locations. They like rich soil.

★ **V. APRICOT GEM**—Richest apricot, orange towards center; 6 in. stems. Exquisite rich color, a striking contrast with Jersey Gem; splendid for cutting. 25c each; 3 for 50c; 12 for \$1.75; \$10 per 100.

★ **V. JERSEY GEM**—Purest violet; 6 in. stems; most wonderful bedder yet. Simply always in bloom; grand for cutting. 25c each; 3 for 50c; 12 for \$1.75; \$10.00 per 100.



★ Sedum Spectabile Brilliant



Veronica—Speedwell



# FINEST HARDY FLOWERING SHRUBS

Always keeping up with or ahead of the times. Always thinking of our customers' success. We are offering the best and most popular of all our Flowering and Ornamental Shrubs in 2-year-old plants, postpaid to you. This means that you actually receive strong, hardy outdoor, nursery grown plants with well-developed root systems instead of the small, tender, greenhouse grown 1-year plants usually offered at this price. Our "Big 4" Shrub Collection is on Page 106. Write for our new Nursery Annual for the complete list of pictures and descriptions of Shrubs, Evergreens, Fruit and Shade Trees, Berries, etc.

**Prices** Plants priced 35c each are 3 for 90c; 10 for \$2.50. Plants, 40c each are 3 for \$1.00; 10 for \$3.00. Plants, 50c each are 3 for \$1.25; 10 for \$4.00. Plants, 60c each are 3 for \$1.50. Plants, 75c each are 3 for \$2.00. (Order before March 20th—plant before March 25th.)

**ABELIA**—6 ft. tall. Excellent in shade or sun; glossy evergreen foliage; blooms all summer long; pinkish white tubular flowers. Best all-round shrub for all purposes in the South. 50c each.

**ALTHEAS**—*Hibiscus syriacus*. Rose of Sharon. Tall, slender shrubs; beautiful large blooms continuous all summer, somewhat like Hollyhock flowers. For hedges, screens and tall borders, they make a colorful display in most any soil in sun or partial shade.

**ALTHEA, ARDENS**—Beautiful double blue-violet. 40c each.

**COMPTE DE HAINAULT**—Very fine double flesh pink. 40c.

**DUCHESSE DE BRABANT**—Exquisite double bright red. 40c.

**JEANNE D'ARC**—The best double pure white. 40c.

**LADY STANLEY**—Semi-double, splashed carmine. 40c.

**PAEONIFLORA**—Semi-double white with carmine center. 40c.

**BARBERRY**—*Berberis thunbergii*. Easily grown, medium height, bushy, thorny shrub for clumps, foundation plantings and hedges. Scarlet leaves and berries in fall; stands pruning. Not grown for its flowers.

**JAPANESE BARBERRY**—Green leaves. 18 to 24 in., 35c.

**RED LEAVED BARBERRY**—Red leaves. 15 to 18 in., 60c.

**BEAUTYBERRY**—*Callicarpa purpurea*. 3 to 5 ft. high, recurving branches with tiny pinkish flowers in August, followed by masses of violet-purple berries until mid-winter. Grown for its berries. 40c.

**BEAUTY BUSH**—*Kolkwitzia*. 6-8 ft. tall. Perfect ornamental; arched branches with amazing clouds of light pink bell-flowers in May and June. Begins blooming fourth year. 60c each.

**BUSH HONEYSUCKLES**—*Lonicera*. Bright, pretty, sweet flowers followed by showy berries, desirable for screens, hedges, high foundation plantings. Easily grown in most any soil or situation.

**WINTER HONEYSUCKLE**—6-10 ft., sweet, white flowers. 40c.

**JAPANESE BUSH**—4-6 ft., white flowers, coral berries. 40c.

**RED TARTARIAN**—8-10 ft., light crimson flowers. 40c.

**WHITE TARTARIAN**—8-10 ft., bluish white, red berries. 40c.

**BUTTERFLY BUSH**—*Buddleia magnifica*. Summer Lilac. Rapid growing, popular, everblooming shrub with large lilac-like blooms on long graceful stems for cutting if desired. Very easily grown. 50c.

**CARYOPTERIS**—Blue Spirea. 3 ft., continuous lavender-blue, dense flower-clusters along branches from Aug. to frost. For borders, beds and pots. Handsome hardy shrub with grayish foliage. 35c.

**CHASTE TREE**—Blue Vitex. Large 12-15 ft. shrub; strong aromatic odor. Exquisite blue flowers on terminal spikes in summer, smaller and richer blue than Butterfly Bush. 40c.

**GRAPE MYRTLES**—*Lagerstroemia indica*. 10-15 ft. tall Southern favorite; hardy, heavy bloomer for specimen, lane and street plantings. Difficult to transplant and slow to start growth. Some may die. We cannot control this so cannot be held responsible. Prune severely on planting, water and work carefully, using no green manure about roots. Worth the hazard.

**PINK GRAPE MYRTLE**—2 to 3 ft., 50c. 3 to 4 ft., 75c.

**PURPLE GRAPE MYRTLE**—2 to 3 ft., 50c. 3 to 4 ft., 75c.

**WHITE GRAPE MYRTLE**—2 to 3 ft., 50c. 3 to 4 ft., 75c.

**WATERMELON RED**—2 to 3 ft., 50c. 3 to 4 ft., 75c.

**DEUTZIAS**—Beautiful, large, double, free-flowering pinkish and white, dainty tassel-shaped flowers thickly along branches. Use any soil type in sun. Extremely popular shrubs.

**LEMOINE**—3-5 ft., white flower heads in spring. 40c.

**PRIDE OF ROCHESTER**—6-9 ft., pinkish white. 40c.

**SLENDER DEUTZIA**—2-3 ft., pure white in April. 40c.

**RED DOGWOOD**—Well known, valuable shrub or small tree for specimens, lawn trees and naturalizing. We offer the Red Flowering, so scarce and greatly in demand. 2 to 3 ft. plants, \$2.25 each.

**FLOWERING ALMOND**—Dwarf Flowering Cherry. 4-5 ft. tall and broad; completely covered with double pink flowers like small roses, borne all along the stems before leaves appear in spring. Give sunny situation. The center of attraction while in bloom. 50c.

**FLOWERING CRAB-APPLES**—*Malus*. Bushy shrubs or small trees, covered with beautiful flowers in spring followed by yellow and red fruits, particularly attractive to birds.

**BECHTEL FLOWERING CRAB**—Double, soft light pink flowers resembling small Roses. Heavy flowering. 3 to 4 ft., \$1.50.

**JAPANESE FLOWERING CRAB**—Warm red buds, opening single light pink; fragrant. Most prolific of all. 3 to 4 ft., \$1.50.

**FLOWERING PEACH**—Red Double-Flowering. Small tree covered with Rambler Rose-like, red flowers on every twig and branch before leaves appear in spring. 2 to 3 ft. plants, 40c.

**FLOWERING POMEGRANATE**—6-8 ft. bushy shrub, double 1-1½ in. brilliant orange-red flowers from May through the summer. One of our most attractive ornamentals. 18 to 24 in., 40c.

**FLOWERING QUINCE**—*Cydonia japonica*. 4-8 ft. Beautiful for flowering hedge or border, cut-flowers and great flame-scarlet masses of bloom just as glossy, dark green leaves appear. 40c.

**FORSYTHIAS**—Golden Bells. One of the best shrubs for the South. Stands heat, drought and partial shade. Golden bell-shaped flowers in February and March. 6 to 10 ft. tall.

**FORTUNE FORSYTHIA**—Upright growth. 40c.

**GREENSTEM FORSYTHIA**—Best Southern variety. 40c.

**SHOWY BORDER FORSYTHIA**—Most showy. 40c.

**WEEPING FORSYTHIA**—Most useful kind. 40c.

**GOLDFLOWER**—*Hypericum*. 2-3 ft., beautiful dwarf shrub; clear, waxy flowers like single yellow Roses profusely borne all summer. Fine for grouping and in front of other shrubs. 40c.

**HYDRANGEAS**—3-5 ft. Most showy plants imaginable. Easily grown, no diseases, long blooming season. Plant in tubs, beds or masses, hedges and foundations. Huge heads of white flowers.

**HILLS OF SNOW**—*H. arborescens*. Greatest show we know. 40c.

**OAKLEAF**—*H. quercifolia*. Pinkish flowers, oak leaves. 50c.

**PEEGEE**—*H. paniculata grandiflora*. Huge cone-shaped flower panicles, midsummer until fall. All prefer moist, fertile soil. 40c.

**JASMINE**—*Jasminum*. 2 to 3 ft. tall; graceful, spreading, evergreen shrubs, with long, slender green branches. Bright, rich yellow, trumpet-shaped flowers in great profusion. Indispensable.

**JANUARY JASMINE**—January-February blooming. 40c.

**ITALIAN JASMINE**—Summer flowering. 50c.

**JETBEAD**—White Herria, *Rhodotypos*. Medium sized bushy shrub, handsome foliage and with clusters of delicate Mock Orange-like flowers in spring, followed by black berries through winter. 40c.

**KERRIA**—Double Globe Flower. 6 to 8 ft., graceful shrub with arching branches. Bright, rich, yellow globe-shaped, double flowers like Lady Banksia Roses nearly all summer. Very attractive. 60c.

**LILACS**—*Syringa*. 8 ft. Old favorites everybody knows. Spikes or long cones of flowers in a wealth of April bloom.

**PURPLE LILAC**—Hardest and easiest grower. 50c.

**WHITE LILAC**—Of our grandmother's gardens. 50c.

**MOCK ORANGE**—*Philadelphus*. 8 ft. Handsome bushy shrubs with beautiful, waxy white flowers of orange-blossom fragrance. Fine for cut-flowers, grouping and foundation plantings.

**CORONARIUS**—The favorite sweet, single creamy white. 40c.

**VIRGINAL**—Sweet, 2½-in. semi-double, snow white. 40c.

**PEARL BUSH**—*Exochorda*. 8 to 10 ft. tall; richest waxy white flowers in a mass of bloom, covering the shrub in early spring. Splendid for mass effect. 40c each.

**SCOTCH BROOM**—*Cytisus scoparius*. 6 to 8 ft. tall; upright slender, practically leafless stems filled with large yellow pea-like, artistic flowers, followed by black seed pods. 40c each.

**SNOWBERRY**—*Symphoricarpos racemosus*. 4 to 5 ft. tall; small rose-pink flowers in June and July, followed by large clusters of milk-white berries remaining far into the winter. 40c.

**CORALBERRY**—*Symphoricarpos vulgaris*. Similar to Snowberry except berries are coral-red, almost purple and are smaller but in thick ropes along the weighed-down stems. 40c.

**SPIREAS**—Indispensable shrubs for every home, do well in most soils and situations and are very effective bloomers.

**ANTHONY WATERER**—Crimson Spirea. 3 ft. Variegated pink and white new leaves; rosy crimson flower clusters all summer. 40c.

**BILLIARD SPIREA**—6 ft. Dense spikes of rose-pink flowers from June to September. Best hybrid Spirea. 40c.

**BLUE SPIREA**—See Caryopteris above. 35c.

**BRIDAL WREATH OR VAN HOUTTE**—4-6 ft. Most useful of all shrubs. Masses of white flowers in spring. 40c.

**DOUBLE BRIDAL WREATH**—Like Van Houtte except double flowers. The true Bridal Wreath. 40c.

**SNOW GARLAND**—*S. thunbergii*. 3-4 ft. Slender branches with masses of miniature white flowers very early. 40c.

**SWEET SHRUB**—*Calycanthus floridus*. 5 ft. Handsome native shrub for shady locations. Chocolate colored double flowers of extreme fragrance and attractive foliage. 40c each.

**VIBURNUM-SNOWBALLS**—Hardy, tree-shrubs with large snowball-like, showy white flowers. Fine for specimens or grouping.

**COMMON SNOWBALL**—10-12 ft. Gorgeous sight in spring. 40c.

**JAPANESE SNOWBALL**—6-8 ft. Perfect ball flowers in great profusion to dominate the lawn in early spring. 40c.

**WEIGELAS**—*Diervilla*. April-May blooming; trumpet shaped flowers in thick clusters along the new branches. Big favorite.

**CANDIDA**—5-6 ft. Snow white in May. 40c.

**EVA RATHKE**—4 ft. Crimson-red with white throats. 40c.

**ROSEA**—4-6 ft. Deep pink wonderful bloomer. Best. 40c.

## VINES

**CLEMATIS**—Beautiful climbers for flowers and foliage.

**ANEMONE CLEMATIS**—Sheets of 1½ in. mauve-pink flowers in April and May. New and great. \$1.00 each.

**JACKMAN**—Large purple flowers for partial shade. 75c.

**SWEET AUTUMN**—Sheets of fragrant small white. 40c.

**HONEYSUCKLES**—Common favorites and fast growers.

**HALL'S JAPAN**—Common variety; white to cream. 40c.

**SCARLET**—Coral-red trumpet flowers and berries. 40c.

**IVY**—Indispensable climbers for rock-work, brick and ground covers. Well known and popular all over America.

**BOSTON**—Greatest clinging vine; fast grower. 50c.

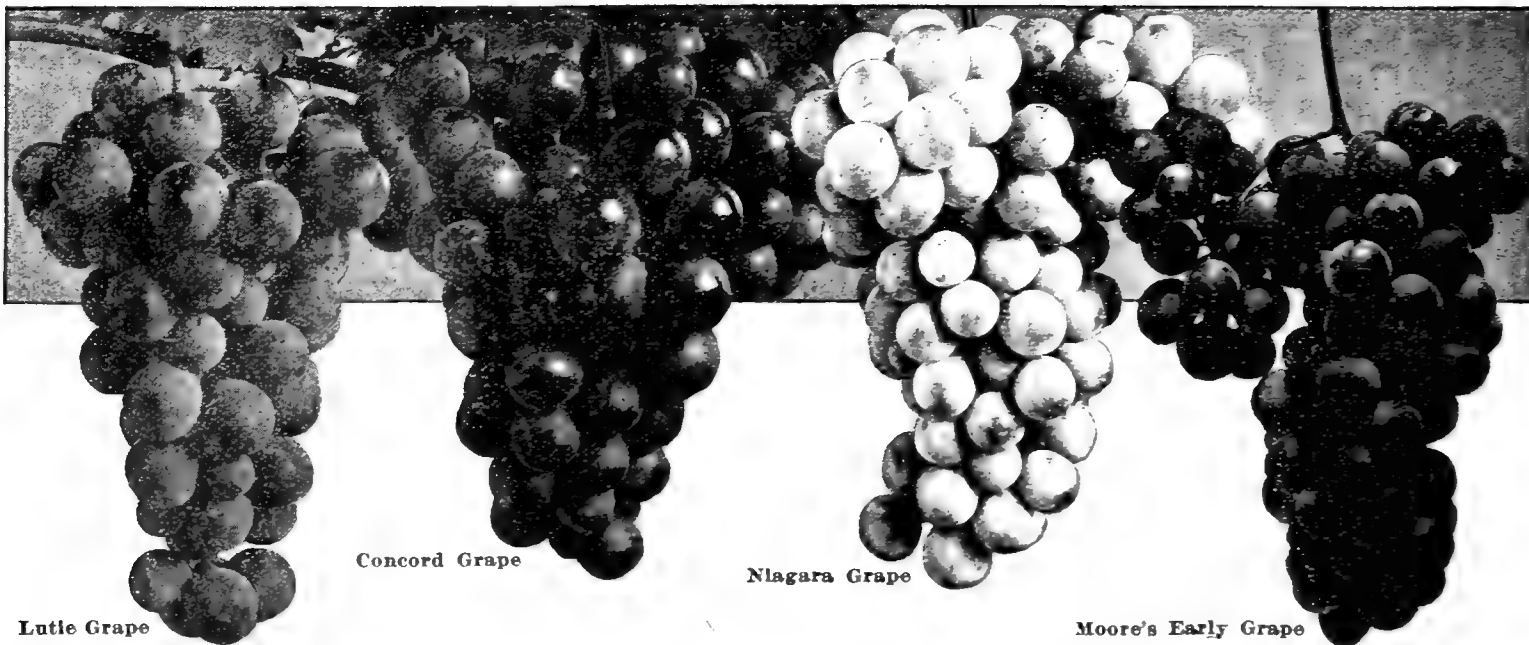
**ENGLISH**—The Evergreen Ivy of the South. 25c.

**VIRGINIA CREEPER**—More airy than Boston. 50c.

**PACHYSANDRA**—6-8 in. tall. Useful as a ground cover for shady places where grass won't grow. Practically evergreen, small flower spikes in April and May. 20c each; \$2.00 dozen.

**PURPLE WISTERIA**—Rapid growing climber with great drooping racemes of lilac-purple, pea-shaped blooms. Finest kind. Grafted Plants, scions from known flowering vines, on strong roots. 75c.





Concord Grape

Niagara Grape

Lutie Grape

Moore's Early Grape

## Hastings' Southern Home Grape Collection—50c

Nothing in this whole catalog will give greater satisfaction than this splendid set of Hardy Grapes. Every home, if only on a city lot, can find space to plant them. One each of these four grapes—strong, well rooted, year-old vines, sure to do well in the South.

**Concord** Best known Grape in existence. Large berry and bunch, blue-black thin skin; flesh sweet and tender and of good quality. Strong grower and prolific bearer. We consider it one of the very best for home or market.

Postpaid—20c each; 5 for 85c; 10 for \$1.50; 100 for \$10.00.

**Lutie** Recommended as the best and most satisfactory Grape for the South. Medium to large berries, large bunches dark red, very sweet and of excellent quality. Ripens just after Moore's Early and hangs on the vine until Concord is ripe.

Postpaid—25c each; 5 for \$1.15; 10 for \$2.00; 100 for \$15.00.

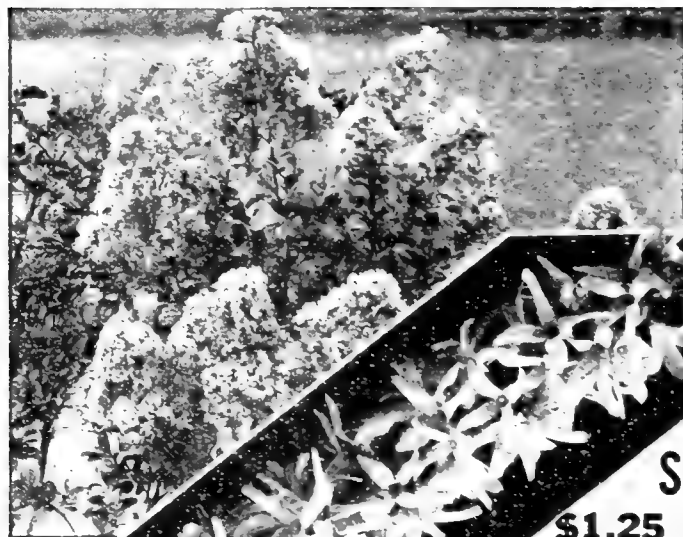
**Niagara** The best white Grape grown and one of the best of all varieties. Large berries and large bunches; greenish-yellow skin, sweet, pulpy flesh and an all round good Grape. Vigorous and satisfactory grower, indispensable.

Postpaid—20c each; 5 for 85c; 10 for \$1.50; 100 for \$10.00.

**Moore's Early** Early to ripen, medium to large berries and large bunches. Color of skin is black with a heavy blue bloom. A high quality Grape, very early and very hardy; a fine grower and producer.

Postpaid—20c each; 5 for 85c; 10 for \$1.50; 100 for \$10.00.

**\$1.00 Grape Collection** For our most exceptional Grape offer and the greatest bargain we have ever made, we shall include 2 plants each of the 4 varieties above and also 2 of Moore's Diamond, the great white seedling of Concord, for only \$1.00. 10 Grape Vines, 5 splendid varieties, for a real Home Grape Planting. Postpaid for \$1.00. Order several of these!

Left,  
Crape  
MyrtleRight,  
Crimson  
Spirea

### Big 4 Shrub Offer

**\$1.25** These "Big 4" Flowering Shrubs are the most popular ornamentals grown—strong, 2-year-old, Nursery grown. One plant of each for \$1.25. You may order several of these collections.

**WATERMELON-RED CRAPE MYRTLE**—Hardy, heavy bloomer; richest and best color of the South's favorite flowering shrub. 50c each. 3 for \$1.25.

**GREENSTEM FORSYTHIA**—Golden Bells. Best Southern variety.

Profusion of yellow flowers in February and March. Bright green stems and foliage on graceful, spreading plants, reaching 6 to 8 feet tall. 40c each. 3 for \$1.00.

**CRIMSON SPIREA**—Anthony Waterer. Compact bushy growth; clusters of rosy crimson flowers on erect stems, blooming all summer. 40c each. 3 for \$1.00.

**BRIDAL WREATH SPIREA**—Van Houtte. Most popular flowering shrub in cultivation. Well known, easy growing; bowers of white flowers like a blanket of snow, on gracefully arching branches in early spring. 40c each. 3 for \$1.00.

**"BIG 4" SHRUB COLLECTION—POSTPAID—ONLY \$1.25.**

Forsythia

Bridal Wreath

# HASTINGS' NURSERY ROSES

**Our Rose Guarantee** We guarantee our Roses to grow and bloom the flowering season after planting. We shall replace any which fail to do so.

On the Hastings' Plantation near Atlanta we are growing many thousands of Everblooming and Climbing Roses. All of these Roses are budded on strong roots outdoors, are strong plants, two years old, and have been blooming profusely all summer long. They are of the finest outdoor or garden varieties.

We recommend these strong plants for all sections of the United States where Roses can be grown.

Send in your order as soon as possible. We will ship plants to you as long as it is safe to plant them. Plant them in their permanent places as soon as you receive them from us so they may become well established before growing weather starts in spring.

**WHEN TO PLANT**—Nov. 1st to Mar. 15th is the time to plant Roses. We can supply these fine plants until leaf growth starts in the spring, about March 15th, but better success is had with earlier planting. We had rather not sell any Roses after March 15th. Winter planting is by far more satisfactory.



The New Dawn, Patented Climber—\$1.50

**CULTIVATION**—With Roses, the soil cannot be too tight around the roots or too loose at the surface. Cultivate frequently, about 2 inches deep, without disturbing the roots. This protects roots from sun, gives them air and conserves soil moisture. When watering, soak the ground as deep as the roots penetrate, about 18 inches, and don't water again until surface is quite dry. Don't sprinkle.

**CUTTING ROSES**—To get full value in the cut flowers, Roses are cut when the bud is half open, using sharp pruning shears, scissors or knife. Take as long a stem as possible without hurting the bush or removing young buds which will later develop. Cut in early morning or in cool of the evening, plunging stems deeply in water for at least one hour in a cool, dark place.

All Tea (T) and Hybrid Tea (HT) Roses are so-called Everblooming Roses. Hybrid Perpetuals (HP) are often classed with them though blooming is more seasonal.

**HOW TO PLANT**—Upon receipt of plants, open the bundle and water thoroughly in a pail or tub of water for a few hours. Don't expose to sun or wind. After removing from the water, trim off broken or damaged roots and prune plants to about 18 inches. We do this pruning for you before shipment. Soil should be well prepared before plants arrive. A good garden soil is fine and should be spaded or plowed 18 inches deep and Sheep Manure or well rotted stable manure thoroughly mixed with the soil. Plant in late afternoon on a calm day or on a cloudy or rainy day if possible. Set plants of Bush Roses 15 to 24 inches apart except Hybrid Perpetuals, which need about 3 feet of space. Climbers need about 6 feet of space between plants.

In planting, dig a hole large enough to spread the roots without crowding and deep enough to cover a little deeper than plants were in the nursery. Budded or Grafted Roses must be planted so the scar or swelling left by bud or graft is beneath the surface. In filling with soil, shake plant lightly, so soil gets all around the roots, then fill hole completely and firm soil so plant is set solid. Soak well with water. Further pruning back may be done before new leaf growth starts in spring.



Mme. Gregoire Staechelin, Climber—75c

## NEW CLIMBING ROSE SENSATIONS

**BREEZE HILL**—HW. Tinted White. Short ovoid buds opening fully 50 to 60 petals into large flat flowers of white, tinted with yellow, rose and apricot, borne in clusters. 60c each.

**BLACK BOY**—Cl. HT. Velvety Crimson. Great new Australian rose, rather similar to Paul's Scarlet but darker and richer. Ovoid to globular buds, opening full and large. Stronger growing pillar or climber; fine, disease resistant foliage; bound for a future. 75c each.



Black Boy, New Climber—75c

**CLIMBING SUNBURST**—HT. Orange. Fine, yellow flowers strongly suffused with apricot-orange. Strong climbing growth and excellent bloomer with better flowers than the original bush Sunburst and many more of them. Finest nursery grown plants. 75c each.

**JACOTTE**—HW. Orange and Red. Large, semi-double, 3-inch or larger flowers of orange-yellow, tinted copper-red, borne in clusters. Strong, profuse bloomer. Holly-like foliage and a sensational new Rose carrying brilliant orange into the hardy climbers. 75c each.

**MERMAID**—HB. Ivory White. Absolutely beautiful, immense single flowers. Creamy lemon center with a great cluster of stamens. Blooms throughout the season, forming clusters of buds on tips of new growth. Large, glistening foliage. Don't prune this rambling shrub. 75c each.

**MME. GREGOIRE STAECHELIN**—Cl. HP. Delicate Pink. Very large, long-pointed buds, very large fragrant flowers with curled petals stained crimson outside. Abundant bloomer on strong stems; disease resistant and very vigorous. You must have it. 75c each.

**PAUL'S LEMON PILLAR**—Cl. HT. Light Yellow. Pale lemon buds opening faint sulphur-yellow double flowers; well formed and fragrant. Strong growth and marvelously beautiful, surpassing all white climbers in quality of bloom. You'll adore it. 60c each.

**PRIMROSE**—HW. Primrose Yellow. Large, double flowers of soft, rich yellow in clusters of 4 to 5 on extremely vigorous plant with beautiful foliage. Promises to be the first really satisfactory pure yellow, hardy climbing Rose. 75c each.

**SCORCHER**—HW. Vermilion. New Australian introduction, worthily named because it has created a world sensation. Very vigorous, hardy, and handsome flowers cover the plant in great profusion. Nothing else like this fiery red. 75c each.

**THELMA**—HW. Coral Pink. Blooms hold their delicate flesh color for ten days. Sturdy, healthy growth with abundant clusters of 3 to 18 flowers 3 inches across. Splendid new Rose which has won awards and commendation everywhere. Brilliant yellow stamens. 75c each.

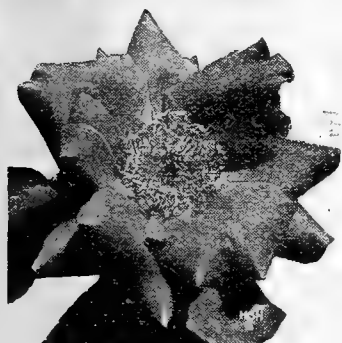
**THE NEW DAWN**—HW. Pink. (The Everblooming Dr. W. Van Fleet.) The first plant ever patented and given great publicity all over America. Just think of having an everblooming form of Dr. Van Fleet. (Page 108) the most popular climbing Rose in existence. Here it is. \$1.50 each.

**CHAPLIN'S PINK CLIMBER**—HW. Brilliant Pink. Called the pink Paul's Scarlet Climber. Substantial, broad trusses of wide, flat flowers that hold their clean pink color. Vigorous, very free, covering itself with sheets of bloom. Winning prizes everywhere. 75c each.

**CLIMBING OPHELIA**—Cl. HT. Yellow and Pink. Vigorous climbing form of the beloved Ophelia. Lovely and productive continuous bloomer. Give it plenty of sunlight and room to spread. 75c.



Breeze Hill, Climber—60c



Scorcher, Fiery Climber—75c



Jacotte, Gold Climber—75c



Climbing American Beauty—Rich Carmine Rose—45c

# CLIMBING ROSES

## HARDY BEAUTIFUL BLOOMERS

In the South, traditional home of climbing Roses and where they grow best, we certainly should take full advantage of our gorgeous opportunity. For fences, pergolas, porches and arbors there is no more beautiful sight than the beautiful bloom of new climbing and pillar Roses. Climbers need little care, little pruning and usually are far more disease and insect resistant than bush roses. Some of the newer varieties make fine cut flowers and bloom continuously through the season. They now come in all colors and many blends to suit all desires. They make far greater show for the investment than bush Roses.

Hardy, 2-year-old, well branched, finest No. 1, Nursery grown, budded Rose plants. Set Climbing Roses 6 feet apart.

**Climbing American Beauty** HW. Brilliant Carmine. 3 to 4 in. fragrant flowers of fine form produced in abundance. Early and very beautiful, especially in a cool season. Color fades in hot sun. Vigorous when established. 45c.

**Dr. W. Van Fleet** HW. Pink. Undoubtedly the best of all climbing Roses. Ranked first by the American Rose Society. Perfectly formed, long pointed, pink buds borne on long stems for cutting. Plant makes large thorny canes and produces thousands of flowers. Midseason, flowering 3 weeks or more. 45c each.

**Paul's Scarlet Climber** HW. Red. Intense scarlet flowers of fine shape; brightest and purest red climber. Midseason, excellent pillar Rose, blooms in clusters and lasts several weeks. Easily the best red climber and doesn't blue or black; holds its color. 45c each.

**Silver Moon** HW. White. Long creamy buds, nearly single, gigantic flowers borne in small sprays. Extra vigor, growing 15 to 20 feet in one season; perfect foliage. Midseason, beautiful Rose of purest color, largest size and attractive shape. Ranked second by The American Rose Society. 45c each.

### Best 4 Climbing Roses—\$1.35

Nothing takes the place of our wonderful Climbing Roses around Southern Homes on trellises, fences and porches. The beautiful Climbing American Beauty, Paul's Scarlet Climber, Silver Moon and Dr. Van Fleet—rose, scarlet-red, white and pink in colors—the finest quartet of climbing Roses you can find. Order several of these genuine bargain collections, postpaid at just \$1.35. (Less than 34c each.)

**AMERICAN PILLAR**—HW. Crimson-Pink. Rather large, single flow-

ers of brilliant crimson-pink; large white centers and golden yellow stamens. Blooms profusely in enormous clusters on plants of astonishing vigor. Beautiful beyond words. 45c.

**CLIMBING K. A. VIKTORIA**—Cl. HT. White. Very double, pure white, perfectly formed flowers with a faint lemon center. Moderately strong climber and preferred to the bush form because of its excellent growth. Reliable and quite hardy. 45c.

**CLIMBING LADY ASHTOWN**—Cl. HT. Sparkling Pink. Illumined with yellow suffusion; fine pointed blooms with exquisitely recurved petals. Very vigorous, unusually free flowering early in season and afterwards. Very hardy. 45c each.

**CLIMBING LADY HILLINGDON**—Cl. HT. Golden Apricot. Charming long buds and shapely flowers of soft apricot, deepening to golden yellow; fragrant and lasting. Strong plant, excellent foliage; fairly hardy. 45c each.

**CLIMBING LOS ANGELES**—Cl. HT. Salmon-Pink. Fine pointed form with good substance and delicious fragrance; fairly vigorous. Better in most places than the bush form. 75c.

**EMILY GRAY**—HW. Yellow. Large, semi-double, practically unfading deep golden buff, singly or in small clusters, on strong plant. Foliage pointed and polished like Holly. 45c each.

**MARECHAL NIEL**—Cl. Noisette. Golden Yellow. Lovely buds and flowers of deep golden yellow; double and extremely fragrant. Strong growth and abundant bloom, not very recurrent. Quite tender but a model of beauty and fragrance. 60c.

**MARY LOVETT**—HW. Pure White. Large, handsome flowers of pure, waxy white, sweetly scented, broad petalled and of open form. Borne singly and in sprays on strong plant with heavy, glossy foliage. Called White Dr. Van Fleet. 45c each.

**MARY WALLACE**—HW. Bright Pink. Large, very bright pink enriched with shining gold; double, cup-shaped, fairly fragrant. Vigorous, 10-15 ft., superb foliage, early. 45c.

**RAMONA CHEROKEE**—Laevigata. Shining Pink. Pink form of the Georgia State Flower. Fragrant 2½ to 3½ in. single flowers borne singly and early on strong climbing plants with waxy foliage. 75c each.

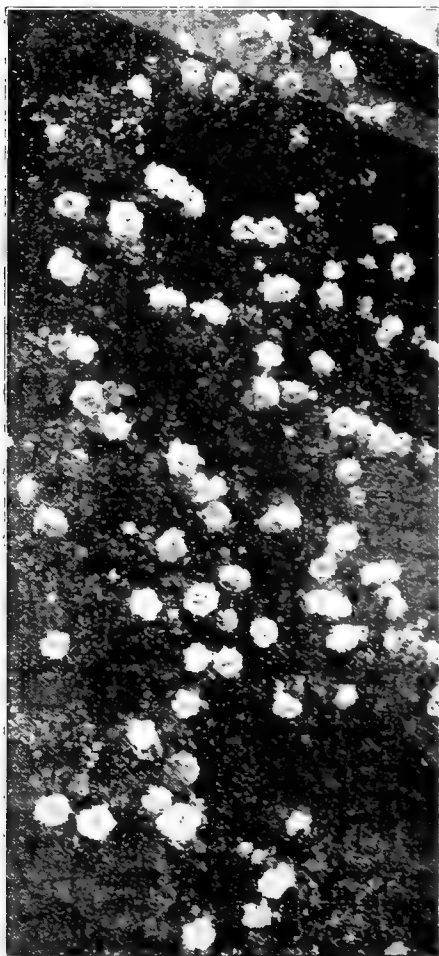
**RED CHEROKEE**—Laevigata. Rosy Red. Red form of the famous White Cherokee Rose. Not hardy north but great for fences and naturalizing in the South. 75c each.

**ROSERIE**—HM. Deep Pink. Large frilled flowers of deep even pink, borne in loose clusters with utmost profusion. Plant is strong; long, green, thornless canes and clean broad foliage. Darker, more evenly colored form of Tausendschon. 60c each.

**TAUSENDSCHON**—HM. Many Shades. Large flowers, charmingly ruffled, many shades of yellow, creamy white and bright rose-pink; lightly fragrant; enormous trusses. Plant strong, up to 15 ft. high; thornless, hardy and healthy. 45c.

**WHITE CHEROKEE**—Laevigata. White. Fragrant single 3-in. flowers. Early, strong climber with shining foliage. Hardy in South. Georgia's State Flower. 60c each.

**Prices** All Roses priced at 45c each are 3 for \$1.35; 10 for \$4.00. Roses priced at 60c each are 3 for \$1.65. Roses priced at 75c each are 3 for \$2.10.



Dr. Van Fleet, Flesh Pink—45c



Paul's Scarlet Climber—45c



# ROSE SENSATIONS

Our endeavor on this page is to offer you the very finest and newest Bush Roses in existence. All are full No. 1, 2-year-old, nursery grown, budded Roses. There are no finer plants obtainable anywhere at any price. We are Southern Headquarters for Roses.

**ABOL—HT. Ivory White.** One of the greatest white Roses. Large bud and flower, full, very fragrant, on long strong stem. Very free, continuous bloomer. Sometimes shows faint blush tint on center petal edges. Remarkable form and fragrance, rare in white Roses. 75c each.

**AUTUMN—HT. Burnt Orange.** Streaked with red, these medium ovoid buds open to medium sized double, cupped, lasting, lightly fragrant flowers. Borne singly on medium length stems. Free bloomer and exquisitely shaped buds, reminder of Talisman. Sensational, unique new introduction. \$1.00 each.

**CALEDONIA—HT. Pure White.** Large, very long pointed buds; huge flowers full double, high center, slightly fragrant and borne singly on long, strong stem. Lemon tinted buds open pure white. Erect, vigorous, free blooming, disease resistant garden Rose. Really grand. 75c each.

**CHARLES P. KILHAM—HT. Red-Orange.** Large, beautifully shaped, brilliant red-orange suffused with glowing scarlet; 32 petals; slightly fragrant. Vigorous, bushy, upright; mildew resistant. Wonderful color and far superior to famous Mme. Edouard Herriot. A new wonder. 75c each.

**DAINTY BESS—HT. Soft Rose Pink.** Large single flowers, 6 petals, wide delicately crinkled petals. The large cluster of stamens with wine-red filaments, has a marvelous color effect. You will love this most attractive of all single Roses, a sweepstakes winner. 75c each.

**EDITH NELLIE PERKINS—HT. Coppery Orange-Pink.** Large, double flower with fine pointed center; inside of petals salmon-pink, outside coppery-red and orange. Good grower, persistent bloomer, few thorns, splendid foliage. Exquisite new Rose and color. 75c each.

**ELIZABETH OF YORK—HT. Bright Cerise Pink.** Pointed buds, medium sized flowers borne single on long stems. Upright growth; profuse, continuous bloomer. Very beautiful when half open with its glowing cerise-red tints, suffused yellow. Artistic, delicate color. 75c each.

**ETOILE DE HOLLANDE—HT. Brilliant Red.** Generally known as world's best red rose. Magnificent size, enormous petals, very fragrant; very free-flowering and healthy. Color holds up and doesn't blue as most other reds. Thrives in open or partial shade. 60c each.

**GOLDEN DAWN—HT. Yellow.** Bush Marechal Niel. Wonderful Garden Rose. Delightfully fragrant, large Cochet-type lemon yellow buds opening to large, full double flowers. New Australian Rose, especially desirable for Southern gardens. Very vigorous, free continuous bloomer. 75c each.

**JULES GAUJARD—HT. Bright Orange-Red.** Very large, cupped, long lasting, intensely fragrant. Bright orange-red, flushed carmine. Disease resistant, bright green foliage. Better than Souv. de Georges Pernet; really very handsome. 75c each.

**MAY WETTERN—HT. Deep Rosy Pink.** Fine, shapely 20 petalled flowers with recurved petals showing a lighter tint. Mild Tea fragrance, free bloomer, vigorous growth with excellent stems and foliage. Resembles Mme. Abel Chatenay but a better bloomer. 75c each.

**MCGREDY'S SCARLET—HT. Richest Scarlet.** This new Rose simply beats all reds in existence. It is superb; heavy continuous bloomer; vigorous fine growth; beautiful buds and the richest color in roses. Brilliant velvety scarlet on orange base. It's a world's best in every way. 75c each.

**MEVROUW G. A. VAN ROSSEM—HT. Fiery Apricot.** Buds glowing orange overlaid on golden yellow, retaining a golden salmon and light orange on opening, with bronze reverses. Large, glossy, leathery, disease-resistant foliage. Vivid and highly colored. 75c each.

**MRS. ERSKINE PEMBROKE THOM—HT. Yellow.** Slender yellow buds and large, well shaped blooms of rich, bright canary yellow, deeper in center. Free bloomer and very vigorous, so uncommon in yellow roses. Considered the best yellow Rose in existence. 75c each.

**OLYMPIAD—HT. Oriental Scarlet.** Believed the finest Rose in 25 years. Unique lustrous dark oriental scarlet, accentuated with golden yellow base. Its sheen gives it a glow of flaming brilliancy. Long pointed bud, broad petals, long stemmed, splendid keeper and peerless cut flower. Dark green, disease resistant foliage. \$1.00 each.

**PRESIDENT HERBERT HOOVER—HT. Pink, Flame, Scarlet, Yellow.** The outstanding 1930 novelty; large flowers, broad, thick petals; very fragrant; clean, handsome foliage. Retains color for days after open. Better than Talisman in size, growth and free flowering. 75c each.

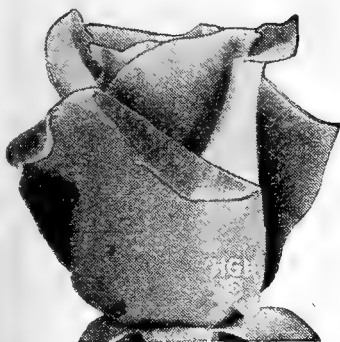
**REV. F. PAGE ROBERTS—HT. Golden Yellow.** Copper-red, very long buds, opening golden yellow stained outside with red. 40 to 50 petals, very large and very fragrant. Not so good in hottest weather but superb in fall. Ideal in size and color and in large demand. 75c each.

**SOUVENIR—HT. Golden Yellow.** The outstanding new 1932-33 introduction. It's the new patented Rose, remarkable Talisman sport. Bud pointed, very double, 36-42 petals, full, lasting, fragrant. Upright, vigorous; large glossy foliage. \$1.50 each.

**TALISMAN—HT.** The sensation and gold-medal winner at all shows. Long, perfect buds, 25 to 28 petals; blend of colors indescribable but combines gold, apricot, yellow, pink, old rose or deep rose pink and colors brighten and get richer on opening. 60c each.

**VILLE DE PARIS—HT. Pure Yellow.** Fine large buds and big flowers; untouched by any other color; 27 petals. Blooms like Radiance; growth unusually tall, wiry and pliant. Really strong growing pure yellow Rose and it has no superior. Beautiful and rich. 75c each.

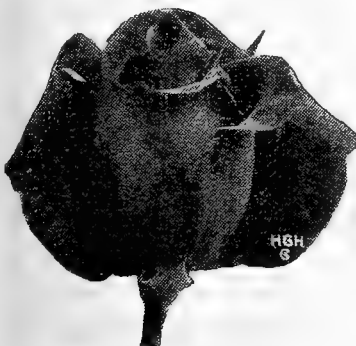
**WILHELM KORDES—HT. Golden Salmon.** Long, pointed buds; double high centered flowers of deep golden salmon, overspread with a copper tint and veined red. Very fragrant and free flowering. Vigorous, compact growth. 50 petals, marvelously colored. 60c each.



Autumn, a Sensation—\$1.00



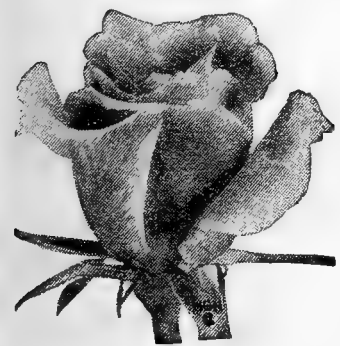
Chas. P. Kilham—75c



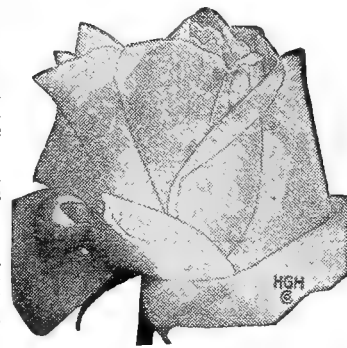
Etoile de Hollande—60c



Mrs. Erskine P. Thom—75c



Talisman, The Sensation—60c



Caledonia, Supreme White—75c



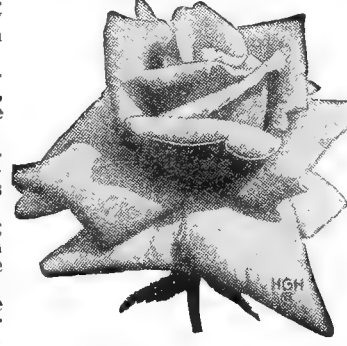
Elizabeth of York—75c



McGredy's Scarlet—75c



Rev. F. Page Roberts—75c



Wilhelm Kordes—60c



Feu Joseph Looymans—Gold



Duchess of Luxembourg—Orange



Lady Margaret Stewart—Gold



Sunburst—Deep Orange

## WORLD'S FINEST BUDDED ROSES

The new "Rose Sensations" on Page 109 include the very newest colors and greatest new show-winners. They are wonderful, strong, hardy outdoor or garden varieties. All of our Nursery grown Roses are budded on strong growing understocks, well-branched, large 2-yr. plants, ready for full blooming next spring in your garden. All these Roses have been blooming this past summer. Varieties listed below and on the next page are the sensational varieties of yesteryears that are gaining in popularity and have become the great Standard Varieties today. Shipments can be made from November to March. Plant early!

**Prices** 45c each. Any 3 for \$1.25. Any 10 for \$4.00. 25 for \$9.50. 100 for \$35.00. (Except where priced otherwise.) 60c varieties are 3 for \$1.65; 10 for \$5.00. 75c varieties are 3 for \$2.10. Take advantage of this splendid offer. These Roses are usually priced at \$1.00 each.

**ABBREVIATIONS AND COLOR**—T. means Tea Rose, everblooming and usually hardy in the South. HT. or Hybrid Tea is usually more hardy and also everblooming. HP. or Hybrid Perpetual is classed with everblooming but more seasonal in flowering. Polyanthas are everblooming, compact or dwarf growing, cluster-flowering Roses. Listing is under predominating color.

### RED HARDY GARDEN ROSES

**CHARLES K. DOUGLAS**—HT. Crimson-Scarlet. Fine, long pointed buds; large, loose flowers; slightly fragrant. Strong branching, grand, unfading red garden Rose. Free from disease. 45c.

**CUBA**—HT. Copper and Orange. Vivid orange-scarlet buds, opening immense semi-double cupped flowers of iridescent copper-red and brilliant orange-vermilion. Extra free flowering, erect, vigorous. 60c.

**ETOILE DE FRANCE**—HT. Bright Crimson. Vivid color, full, rounded centers of cerise; fragrant and long lasting. Strong, stiff stems; free-blooming; good foliage. The standard red. 45c each.

**EUGENE E. MARLITT**—Bourbon. Rich Carmine. Scarlet tones for brightness and doesn't fade in color during hottest sun. Very double flowers; continuous bloomer; very hardy and vigorous. 45c.

**F. J. GROOTENDORST**—H. Rugosa. Fringed Red Shrub. Small, fringed flowers of bright red, produced freely in large clusters the whole growing season. Vigorous 6 ft. shrub plant with large foliage. Can be used as hedges. Great Rose. 45c each.

**FRANCIS SCOTT KEY**—HT. Light Crimson. Very large buds of noblest form; extremely double (95 petals); slightly fragrant. Hardy, erect, good foliage; free bloomer. Best in cool weather. 45c.

**GEN. JACQUEMINOT**—HP. Clear Red. Scarlet-crimson buds. Fine shape; deeply fragrant; plant strong, tall and bushy; normal foliage. Lovely color and fragrance. 45c each.

**HIS MAJESTY**—HT. Deep Crimson. The Red or Crimson American Beauty. Deep, dark crimson, shaded deeper towards the edges. Enormous, perfect flowers on strong, tall plants. Majestic. 45c.

**NATIONAL EMBLEM**—HT. Dark Crimson. Overlaid with velvety shades and vermillion; unusually well formed; fragrant. Strong growth and abundant bloom of heavy substance. 45c.

**RED RADIANCE**—HT. Rose-Red. Big, globular flowers on strong canes, which are freely produced until frost; excellent foliage. The most popular Rose in America. 45c each.



Cuba—Sensational Scarlet



Etoile de France—Crimson



Gen. Jacqueminot—Red



His Majesty—Red Am. Beauty

### YELLOW HARDY GARDEN ROSES

**DUCHESS OF LUXEMBURG**—HT. Rich Yellow. Orange centered, fragrant, exquisitely shaped. Beautiful for cut-flowers. Similar to Sunburst but stronger grower. 45c each.

**FEU JOSEPH LOOYMANS**—HT. Apricot Yellow. Remarkable long pointed buds of brilliant orange buff and large yellow flowers with apricot centers. Spicy fragrance; vigorous, upright. 75c.

**LADY HILLINGDON**—T. Saffron Yellow. Slender, pointed buds and elegantly cupped flowers of deep yellow, paling at edges; fragrant. Erect, with perfect foliage. Simply exquisite. 45c each.

**LADY MARGARET STEWART**—HT. Peach Yellow. Large exhibition bloom with enormous petals. Perfect form, high pointed center, golden yellow shaded and flashed orange and red. 75c.

**MARIAN CRAN**—HT. Yellow-Scarlet. Buds deep buttercup-yellow, margined and flushed rosy scarlet. Inside of petals geranium scarlet flushed and veined orange and yellow. Great. 60c each.

**MME. JENNY GUILLEMOT**—HT. Pale Yellow. Slender, long pointed buds, opening very large, half-double blooms; 15 petals. Very vigorous plant with finest foliage; a lovely Rose. 45c.

**MRS. AARON WARD**—HT. Golden Buff. Pretty little buds unfurling double, shapely flowers of tawny gold and pink. 50 petals, favorite for garden, cutting and buttonhole. 45c.

**SOUV. DE CLAUDIUS PERNET**—HT. Pure Yellow. Simply beautiful in warm dry weather; doesn't like cold and wet. Blooms freely; glossy disease-resistant foliage. Not easy to grow. 60c.

**SUNBURST**—HT. Orange. Beautiful orange buds and orange centered, yellow flowers; fragrant and of splendid shape. Spreading growth; not very vigorous at first but a beauty. 45c each.

### WHITE HARDY GARDEN ROSES

**DOUBLE WHITE KILLARNEY**—HT. Pure White. Long-pointed buds opening enormous petals. Vigorous grower and very free-flowering. Identical with Killarney except in color. 45c.

**EDEL**—HT. Pure Ivory White. Extra large, well-built, slightly fragrant, globular blooms, on erect stems. Very vigorous; unbeatable under usual conditions. Superb white; 89 petals. 45c each.

**FRAU KARL DRUSCHKI**—HP. White American Beauty. Magnificent snow-white, deep, firm petals; absolutely perfect shape; no fragrance. Best white Rose in existence; tall, free bloomer. 45c.

**K. AUGUSTE VIKTORIA**—HT. Creamy White. Perfect buds and flowers, lemon tint at center; fragrant, hardy and rather vigorous. Extremely lovely and the indispensable white. 45c each.

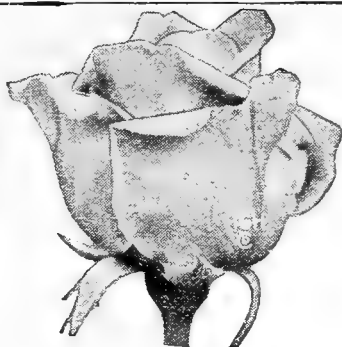
**PORTADOWN IVORY**—HT. Ivory White. Double fragrant new McGredy Rose; hardy, prolific bloomer of much renown abroad. Pure white with lemon-ivory center and suffusion. 75c each.

**SIR THOMAS LIPTON**—H. Rugosa. Snowy White. Unusual quality; borne in utmost profusion in spring, sparingly through summer and fall. Fine for big specimen plant and background. 45c.

**WHITE MAMAN COCHET**—T. White. Often pink flush on outer petals. Fully double, very large, perfect, very free-bloomer. Disease resistant, vigorous, spreading growth. 45c each.



Briarcliff—Rose Pink



Dame Edith Helen—Pink

## PINK HARDY GARDEN ROSES

**BRIARCLIFF**—HT. Rose-Pink. Finest large pointed buds; double high centered, brilliant rose-pink, fragrant, lasting blooms. Long stiff stems; disease resistant foliage; free-flowering. 60c each.

**COLUMBIA**—HT. Bright Pink. Lively color, sweetly scented; exquisite shape and strong, stiff petals. Free-flowering, good growth, healthy foliage. Likes part shade, feed and water. 45c.

**DAME EDITH HELEN**—HT. Clear Pink. Perfect, shapely buds and substantial high centered blooms. Sweetly scented; free flowering on long, straight stems. Vigorous grower; remarkable number of 60 petals and beautiful arrangement. Great new show variety. Absolutely perfect flowers when properly grown. 60c each.

**DORINA NEAVE**—HT. Silvery Pink. Large, full, pointed-globular, very fragrant flowers borne upright on stiff stems. Flowers of 35 petals are abundant, even in midsummer, opening flat. Compact growth. 60c each.

**GEORG ARENDS**—HP. Soft Pink. Long, delicately shaped buds, deep-petaled, pointed blooms; scented. Very vigorous; tall; fine foliage. Blooms sparsely through the summer, without a fault in the fall. Finest pure unshaded pink Rose of any class. 45c.

**HEINRICH MUNCH**—HP. Soft Pink. Simply immense blooms, splendidly formed, borne on vigorous plants inclined to bloom in the fall. Called Pink Frau Karl Druschki because of similar exquisite shape, but is like a gigantic Georg Arends. 45c.

**JONKHEER J. L. MOCK**—HT. Carmine Pink. Gigantic buds and flowers; strong, healthy plant. Noted for its great size, doubleness and strong coloring. Shy summer bloomer. 45c each.

**KILLARNEY**—HT. Bright Pink. Long pointed buds, opening to flat, bright, sparkling pink blooms with 10 enormous petals. Free-flowering, vigorous grower. A popular favorite. 45c each.

**KILLARNEY BRILLIANT**—HT. Dark Pink. Brilliant dark pink buds and flowers of Killarney type. Excellent in growth and bloom. 10 huge petals; striking size and color. 45c each.

**KILLARNEY QUEEN**—HT. Rich Pink. Very free flowering; closer to original in color but fuller, 17 petals, and little stronger growth. Practically immune to mildew and best of the beautiful Killarney group. 60c each.

**LADY ASHTOWN**—HT. Shining Deep Pink. Yellow glow at base of petals; high center, double, quite fragrant. Strong, hardy, free-blooming popular favorite. 45c each.

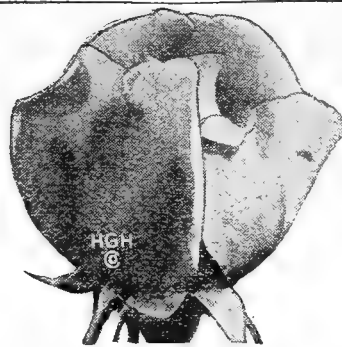
**LA FRANCE**—HT. Bright Pink. Curled petals show silver tints; intensely fragrant. Strong, rather healthy plant. Of unforgettable fragrance and beauty. The original Hybrid Tea. 45c each.

**LOS ANGELES**—HT. Salmon Pink. Lovely buds and flowers with yellow shading; perfumed. Does well in some locations; subject to black-spot and dying back but worth trying. 45c each.

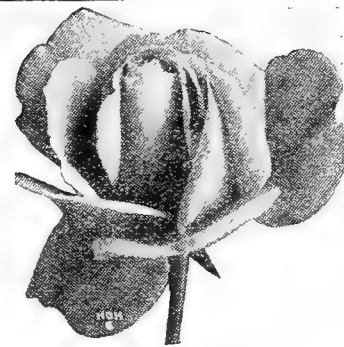
**MAMAN COCHET**—T. Carmine Pink. Creamy buff at center. Very large, double blooms of fine form and excellent growth; disease free and very prolific bloomer. 45c each.

**MARGARET MCGREDY**—HT. Orange Vermilion. Marvelous color; large, brilliant oriental red buds, lightening to deep rose with gold base. Light spicy fragrance, long lasting on vigorous, disease resistant plant. One of world's greatest Roses. 60c each.

**MISS ROWENA THOM**—HT. Fiery Rose. Enormous buds and blooms of brilliant satiny rose-pink, shaded with orange flame at center, borne on long, strong stems. Great bloomer and certainly gigantic, impressive flowers. In the Radiance class, and far more refined. 60c each.



Margaret McGredy—Cerise Rose



Shot Silk—Orange Cerise

## PINK HARDY GARDEN ROSES

**MME. BUTTERFLY**—HT. Light Pink. Tinted gold at petal bases; of exquisite shape and richly perfumed. Brighter color and better bloomer than its parent, Ophelia. Strong plant, throwing big branching sprays of bloom. 30 petals. A world's best. 45c.

**MRS. CHARLES BELL**—HT. Shell Pink. Lovely buds and blooms of fine globular form; soft salmon shadings. Exactly like its parent. Radiance, except finer, softer color. Third largest selling Rose in America; just about always in bloom. 45c each.

**MRS. HENRY BOWLES**—HT. Clear Lustrous Pink. New English variety deserving its great prominence. Fine centered ovoid buds of piercing pink with lighter shades. Fairly fragrant; vigorous and prolific. The finest modern pink introduction and a real beauty. 60c each.

**MRS. LOVELL SWISHER**—HT. Salmon Pink. Immense, beautifully pointed buds and gorgeous flowers of salmon-pink and gold, flesh at edges, on strong, erect stems. Excellent growth. Free bloomer, delightfully tea scented. 42 petals. 60c each.

**MRS. W. E. NICKERSON**—HT. Silvery Pink. Long, slender buds and deep, half double, high-centered flowers with enormous petals of soft silvery pink, deeply shaded old gold and salmon. 24 petals. Plant tall, wiry, very profuse bloomer. 60c.

**NEW CENTURY**—HR. Pink, Red. Large, fully double flowers of clear flesh-pink with light red center and creamy edges; fragrant. Upright, vigorous, leathery foliage, very resistant to insects and diseases. Considered finest Rugosa Rose. 45c each.

**OPHELIA**—HT. Yellow and Pink. Creamy white and pale pink with golden glints in petal folds; very fragrant. Good growth and liberal bloomer. 28 petals. Protect against black-spot. 45c each.

**PATIENCE**—HT. Orange Pink. High centered flowers of scarlet, shaded orange and orange-scarlet; fairly fragrant. Bushy growth; profuse, continuous bloomer. Variable color; called both pink and orange. Beautiful Rose, doing well in some gardens and worth trying. 60c.

**PAUL NEYRON**—HP. Dark Lilac-Rose. Immense size, fair form, very double and fragrant. Quite vigorous, strong, rather smooth canes; free-bloomer. Largest of all; very tall. 45c each.

**PORTADOWN BEDDER**—HT. Orange Pink. Medium sized, double, moderately fragrant; orange yellow outside with a vivid pink flush and glowing rose-scarlet on an orange base within. Dense bush. Certificate of Merit, British N. R. S. 60c each.

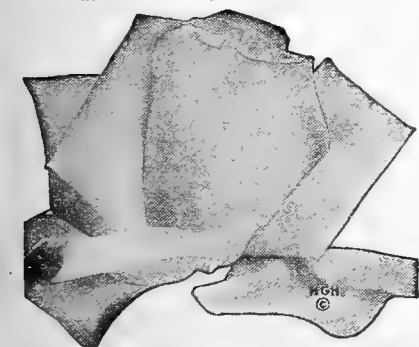
**PREMIER**—HT. Dark Pink. Richly colored flowers of full form, fine size, sweet scent, borne singly on stiff, almost thornless stems. Very popular Rose. 45c each.

**RADIANCE**—HT. Rose Pink. Brilliant buds; well formed, globular, very fragrant flowers. Splendid growth and wonderful bloomer. Most reliable pink HT Rose. No serious faults. 45c each.

**SHOT SILK**—HT. Cerise and Orange. Coppery rose buds and flowers flushed and overshot with apricot and yellow; intensely perfumed. Fair bloomer and grower. Extremely beautiful and vigorous in some gardens; holly-like foliage; 27 petals. 60c.

**WILLOWMERE**—HT. Richest Pink. Superb buds and blooms, shining with a yellow glow from the heart. Not fragrant; strong grower and persistent bloomer. Foliage requires protection. One of the finest bedding and cutting Roses. 40 petals. 45c each.

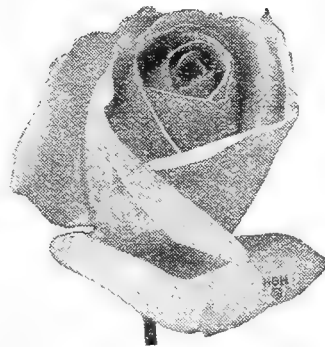
**Prices** 45c Roses are Any 3 for \$1.25; Any 10 for \$4.00; Any 100 for \$35.00. 60c Roses are Any 3 for \$1.65; Any 10 for \$5.00. All these Roses are Guaranteed to Bloom the first season.



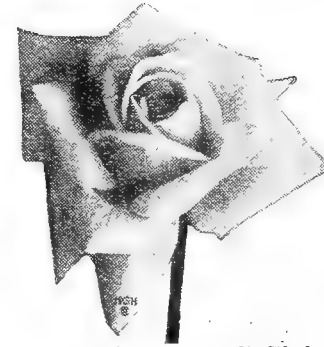
Frau Karl Druschki—White



Edel—Ivory White



Killarney—Pink, White



Georg Arends—Soft Pink





Type of Ellen Poulsen—Polyantha or Cluster Flowered Rose—45c

## POLYANTHA ROSES

Frequently called Baby Ramblers, these many-flowered Polyanthas are bushy little Everblooming Roses, blooming profusely throughout the entire growing season. They bear small flowers in immense, many-flowered clusters, often blanketing the bush. Plants are usually about 1½ feet tall, especially valuable for bedding, edging and in the perennial border. Some have exquisite buds for miniature bouquets, corsages and buttonholes. They are very hardy. Edge your Rose Garden with these little "Sweethearts."

**BABY DOLL OR TIP TOP**—Yellow and pink to deep rose petal tips in an exquisite blend, giving a three-tone coloring. Very distinct, shapely buds and reflexed flowers. Extra strong, vigorous, tall and bushy; always in bloom. 45c each.

**CECILE BRUNNER-SWEETHEART ROSE**—Light Pink. Yellow base; small, exquisitely formed buds and flowers in graceful clusters. Foliage waxy and healthy. The most beautiful individual flowers of the whole race. 45c each.

**ELLEN POULSEN**—Bright Rose-Pink. Rather large, fairly full flowers of bright color. Large, compact clusters, borne profusely on small, bushy plant 15 to 18 in. high. Probably the best of the true "Baby Rambler" type. 45c each.

**EVELYN THORNTON**—Apple Blossom Pink. Pinkish yellow buds and light pink and gold flowers. Rather large, almost single, borne in enormous loose sprays. Foliage is not perfect but the outstanding variety of its color. 45c each.

**FRAU DR. ERRETH**—Deep Golden Yellow. Becomes white with age; very double, nicely shaped and borne in loose clusters. Branching growth, healthy and hardy. Resembles a small Mrs. Aaron Ward, fine bedding and buttonhole variety. 45c each.

**LAFAYETTE**—Crimson. Large, semi-double, of striking light crimson which fades very little; open, frilled form. Blooms profusely in loose clusters of 40 or more. Plant tall, robust, unusually attractive and with very showy large flowers. 45c each.

**PERLE D'OR**—Yellow. Exquisite little buds and flowers of light orange and creamy yellow, borne in graceful sprays. Excellent grower in the South, the best yellow and one of the prettiest of all Polyanthas. 45c each.

**Prices** Roses priced at 45c are Any 3 for \$1.25. Any 10 for \$4.00. Any 25 for \$9.50. Any 100 for \$35.00. Our Landscape Department will gladly plant your Rose Garden.

# HASTINGS' ROSE COLLECTIONS

## WHY WE OFFER THESE GREAT BARGAIN COLLECTIONS OF ROSES

First, our Policy is to give more Actual Value for your money than you can obtain anywhere else. We must sell the Roses we grow. Our Roses have grown beautifully and we have the best supply we have ever had. According to their popularity and merit, we grow more of some varieties than others. Varieties selected for our popular collections are grown in large numbers, cheaper to handle, less postage or delivery charge per plant and we can sell them cheaper.

The Bargain price is attractive but secondary. The real collection value is in selecting Roses in a variety of colors which will grow well and bloom beautifully for you. Even at these lowest prices, Hastings' Roses are guaranteed to grow and bloom the first flowering season after planting. These Bargain Collections allow you more Roses for your money as well as the most satisfactory varieties so far originated. Remember!! Regardless of our cheap prices, there are no finer Roses anywhere than these.

### NEW SENSATION YELLOW ROSE COLLECTION—\$2.65

Pictured on the front cover of our Nursery Catalog. Souvenir, Golden Dawn and Ville de Paris. These new Yellow Roses are World Sensations. You will adore them in your garden and be thrilled to exhibit them in flower shows. New introductions should never be cut in price, and we only have plants for 500 collections, but quick orders will get them at \$2.65 (All described on Page 109.)

### THE 3 RADIANCE ROSES—\$1.00

One plant each of the 3 most popular, most satisfactory, heaviest and most continuous flowering Roses in America. Radiance, pink, Red Radiance, rosy red, and Mrs. Charles Bell, soft salmon pink. They are too well known for comment. One plant each (only 33⅓c each)—Postpaid for \$1.00.

### SOUTHERN ROSE COLLECTION \$4.75

Most Popular Rose Collection in America, 12 SUPER Everblooming and our Greatest Rose Bargain. All 12 varieties are pictured on inside rear cover page, all exceptional varieties and including the sensational Tallsman, Pres. Herbert Hoover and Rev. F. Page Roberts—3 striking yellow Roses, 3 fine red Roses, 2 popular white Roses, 2 charming pink Roses and the 2 new gold, pink and scarlet blends.

All are full No. 1 Grade (American Nurserymen's Association Standards); all 2-year, outdoor grown, well branched plants, budded on the strongest, most fibrous rooted understocks yet discovered. Guaranteed to bloom the first flowering season. Order as many as you like—Postpaid for \$4.75.

### Best 4 Climbing Roses—\$1.35

The American Rose Society members voted their choice of all Climbing Roses. Dr. W. Van Fleet won easily as the best pink and best of any color. Silver Moon won as the best white and came second best of any color. Paul's Scarlet was easily the best red. To go with these, we selected Climbing American Beauty because it is our next best seller and extremely popular in the South, immense flowers of carmine-rose or American Beauty color. One plant each of these four (less than 34c each)—Postpaid for \$1.35.

### Special New Half Dozen Roses, \$3.75

You are naturally thrilled over the really sensational new Roses. Every flower grower is, so we selected 6 beauties which we have grown in large quantities in order to offer this grand collection at a special bargain price. Briarcliff, rose-pink; Etiole de Hollande, world's finest red; Golden Dawn, great new yellow Rose; Killarney Queen, pink, fullest, best Killarney; Margaret McGredy, orange-vermilion, a world's best; and Mrs. Lovell Swisher, the immense salmon-pink. Described and pictured on Pages 109-111. These are wonderful new Roses. One or more of these collections will surely add distinction to your Rose Garden and you will likely want to exhibit them in the Flower Shows. One of each—Postpaid for \$3.75.

### The Big 4 Perpetual Roses—\$1.45

These Hybrid Perpetual Roses are free-blooming for their class, enormous flowers and popular everywhere. Frau Karl Druschki, or White American Beauty is the most exquisite and perfect of all Roses. Georg Arends is the finest unshaded pure pink Rose. His Majesty, or Red American Beauty is certainly majestic. Paul Neyron, largest of all Roses, is a rose color. One plant of each—Postpaid for \$1.45.

### Special 5 Pink and Yellow Climbers \$1.95

For all Southern Gardens. Read descriptions of these new "Climbing Sensations." Chaplin's Pink Climber and Primrose, finest yellow, on Page 107. Also the famous Southern Rose, Marechal Niel, yellow, the striking American Pillar, rich pink with white eye, and Emily Gray, a golden buff, on Page 108. One each of these 5 new and wonderfully colored Roses—Postpaid for \$1.95.

# HASTINGS' GLADIOLUS

**BULBS WELL KNOWN FOR THEIR SUPERIORITY IN GROWTH AND BLOOM**

We believe that Gladiolus (Sword Lilies) are the most satisfactory flowers to grow in the South. They make a beautiful sight in the garden and as a cut flower are unsurpassed. Each bulb sends up a spike or shaft of the waxy, brilliant, richest colored blooms you have ever seen. Regardless of the selections you make from our catalog, you will get the best variety of its color in its price range. There is not a poor variety in a Hastings' Catalog and each collection is a well balanced color selection.

**CULTURE**—Plant these largest size bulbs 4 inches deep (at intervals of a week or two to prolong flowering season) about 6 inches apart in rows from March to June. Simple culture directions come with each order.

## FINEST GLADIOLUS VARIETIES

These famous varieties are of excellent stock, carefully selected. We are able to sell them at very cheap prices because we grow hundreds of thousands. Write for quantity prices.

**3611 ALICE TIPLADY**—Salmon Apricot. Richest and finest of all Primulinus Hybrids. Burned orange penciling. See Picture on back cover. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3671 ANNA EBERIUS**—Violet Purple. One of the world's finest; heavily blotched richest purple. Wonderful rich coloring that is not even approached by any other Glad. Exquisite shape and adorable. Midseason. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3627 E. J. SHAYLOR**—Rose Carmine. Rich purple feather on lower petals. Well placed, wide open, reflexed, ruffled flowers; 5 open at a time. Strong grower; simply exquisite. Early flowering. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3530 HALLEY**—Salmon Pink. Tall; excellent cutter; compact 4-inch wide open blooms. Salmon pink, shaded purple and red on yellow. Earliest flowering. This is the variety for early high price blooms. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3679 ORANGE GLORY**—Tangerine. Exquisite rich blending; wide, heavily ruffled blooms. Very large, heavy blooms, wonderful color. Late midseason. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3585 PEACE**—White. Wide open 3½-inch blooms on tall, strong spikes. Color beautiful white with rich purple sprays to bends of lower petals. Late; very stately. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3652 1910 ROSE**—Vivid Rose. Striking white midribs. Very rich and beautiful; earliest bloomer. Tall, exquisitely colored cut-flower variety for early demand. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3610 SCHWABEN**—Sulphur Yellow. Compact, double rowed, wide open blooms. Soft sulphur yellow; wine red feather on lower petals. Midseason; very popular. 6 for 30c. 12 for 50c. 100 for \$2.75.



**Pfitzer's Triumph—World's Supreme, Page 115**

**3636 HERADA**—Mauve. Large purplish rose feathered purple on cream ground in throat. Really a beautiful deep lavender. Worthy a place in any garden. Midseason. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3644 LE MARECHAL FOCH**—Soft Lavender Pink. Enlarged America and extra early; 17 blooms, 7 open. Immense, profitable and exquisite; productive. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3540 MRS. FRANCIS KING**—Light Scarlet. Light orange-scarlet with rose tint; lighter throat, deeper to tips; lower petals with large carmine feather. Midseason. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3570 MRS. FRANK PENDLETON**—Rose Blotched Red. Extra large 5¼-inch wide open flowers. Color flushed pink tinted lavender; heavily blotched carmine. 6 for 30c. 12 for 50c. 100 for \$2.75.

## 50c Gladiolus Collection

See Back Cover. One bulb each of the above 12 varieties, just as illustrated on the rear cover. All these are very popular and satisfactory and each is a distinctive and very beautiful color, making a wonderful assortment. Unlabeled, 50c Postpaid. 5 of each variety, labeled, for \$1.95. 10 of each (120 bulbs), labeled, for only \$3.45.

**3500 AMERICA**—Soft Lavender Pink. For many years the most popular Gladiolus in the world. A vigorous grower and profuse bloomer; about 14 good 3-inch flowers on each spike. Midseason flowering. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3510 CHICAGO WHITE**—White. Compact 2¼-inch blooms; 5 to 6 open at a time. Color creamy white; rich purple midrib on lower petals. Earliest of all for high prices. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3626 DR. F. E. BENNETT**—Fiery Red. Greatest Gladiolus in writer's estimation. Incomparable scintillating color. Rich purple spray and dashing yellow stripe on lower petals. Midseason. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3630 EVELYN KIRTLAND**—Pink. Lower petals feathered carmine on cream ground. Beautifully formed butterfly shaped blooms, well placed on tall spike. Midseason. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3687 GIANT NYMPH**—Pink Blend. Extra large frilled flowers of light rose-pink with creamy yellow throats. Vigorous grower and exquisite colorings. One of the very finest varieties. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3675 GOLDEN MEASURE**—Golden Yellow. True golden yellow, the most magnificent yellow Gladiolus. Gigantic spike with enormous, wide open flowers of great substance. Midseason. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3641 JOE COLEMAN**—Light Carmine. Deep purple feather on cream ground. 15 ruffled blooms; 7 open. Very showy and one of the most satisfactory Gladiolus on our whole list. Early flowering. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3638 LOS ANGELES**—Rich Cream-Pink. Beautiful rich yet delicate coloring. The noted "Cut-and-Come-Again" variety, producing several side spikes. Lower petals richly flashed deep crimson. Midseason flowering. 6 for 30c. 12 for 55c. 100 for \$3.00.

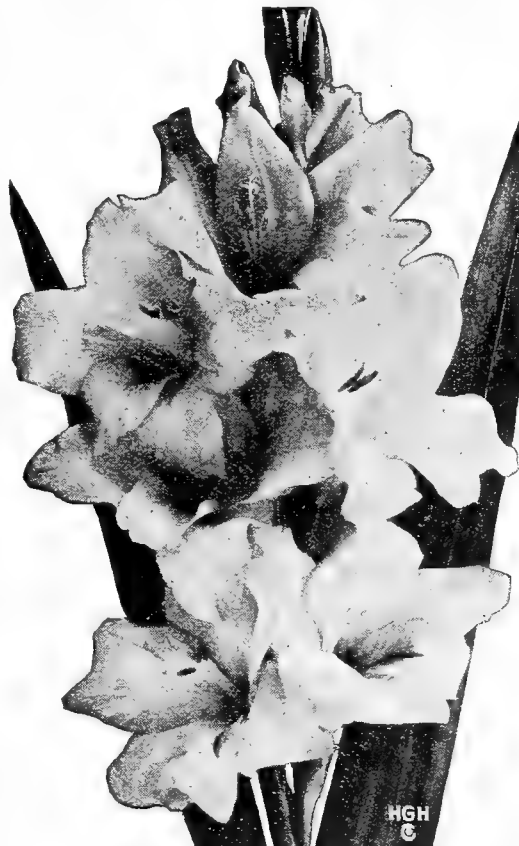
**3648 MRS. DR. NORTON**—Shades of Pink. Flesh shade overlaid sulphur yellow on lower petals; large blooms. Water color appearance; outstanding show winner. Exquisite large flowers of entrancing coloring. Midseason. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3669 MRS. FREDERICK C. PETERS**—Orchid. Exquisite shade and claimed the most beautiful of all. Crimson blotch on lower petals, resembling an Orchid in color. Winner of many medals. Late. 6 for 35c. 12 for 60c. 100 for \$3.75.

**3689 MRS. LEON DOUGLAS**—Cream Pink. Monstrous waved flowers; throats heavily sprayed purple on yellow. Straight, heavy, tall growth. Probably the largest Gladiolus. Late midseason. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3663 SCARLET PRINCES**—Dazzling Scarlet. Almost solid color and grand display. Strong, bushy growth. Very brilliant and most popular red Gladiolus in America. Often misnamed Virginia. Medium early. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3656 WILBRINK**—Flesh Pink. Halley sport, very early; wide blooms, 5 open. Lower petals sprayed purple. Very pretty and very profitable. In great florist's demand and exceptional for earliest cutting. 6 for 30c. 12 for 50c. 100 for \$2.75.



**(3638) Los Angeles, Cut-and-Come Again**

## \$1.00 Special Gladiolus Collection

One bulb each of the 25 varieties described above, including the 50c Collection, which gives you the most popular varieties grown. Each variety color is different, extremely beautiful and every bulb should bloom perfectly. We believe this the most popular and biggest Gladiolus value collection of any house in America. Think of such superb varieties as Anna Eberius, Orange Glory, Dr. F. E. Bennett, Giant Nymph, Golden Measure, Mrs. F. C. Peters and Mrs. Leon Douglas in this really cheap priced collection. These are the finest Gladiolus varieties in the world, regardless of price. We are glad to be able to offer you so much.

**AND ONLY \$1.00 POSTPAID**—5 Bulbs of Each Variety (125 bulbs), labeled, for \$4.00. 10 Bulbs of each (250 bulbs), labeled for only \$7.50. Remember—These are all outstanding named varieties and full first sized bulbs, 1½ inches or over in diameter.

# THE MOST EXQUISITE IN FLOWERING

## GOLD MEDAL DOZEN GLADIOLUS—85c

One Bulb Each of Following 12—85c. 5 of Each, \$3.25. 10 of Each, \$5.50.

**3672 BYRON L. SMITH**—Flushed Lavender. Delicate, delightful, beautiful tints and blends of lavender, white, greenish yellow and purple. Daintiest coloring of all. 3 for 20c. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3618 CARMEN SYLVA**—Snow White. Almost self-color, throat slightly penciled lilac. Stem tall, slender, wiry, straight. Excellent cutter. Grand variety. 3 for 20c. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3622 CATHERINE COLEMAN**—La France Pink. Overlaid geranium-pink with white midribs. Lower petal is blotched amaranth-purple. Large flowers perfectly placed on tall, strong stems; a rare beauty and consistent show winner. Very beautiful and distinguished. 3 for 25c. 6 for 40c. 12 for 75c. 100 for \$4.50.

**3624 DR. NELSON SHOOK**—Tyrian Rose. Excellent deep American Beauty rose, best in its color and wonderful flower. Large strong spikes with 4 or more open at once. One of Kunderd's greatest creations and universally admired. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.50.

**3635 GOLDEN DREAM**—Clear Deep Yellow. Absolutely no other color in it. Very tall, straight, vigorous plant with several good sized flowers open at a time. Generally considered the finest of all yellows; strong growing and beautiful color. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3639 MARIETTA**—Salmon-Pink. Enormous wide blooms on strong, tall shafts. Large real purple spray on lower petals. Rich, beautiful, gorgeous for exhibition. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

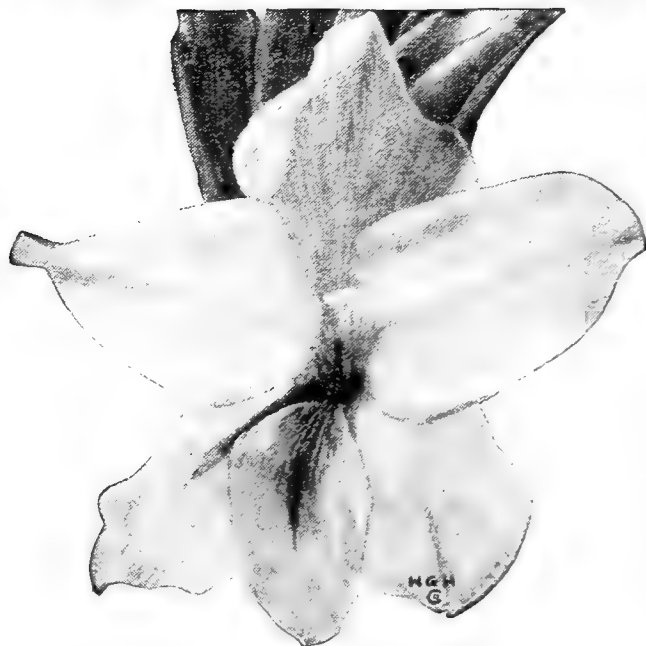
**3681 RICHARD DIENER**—Iridescent Orange-Salmon. Pink suffusion, yellow centers. Immense flowers on strong, tall stems. One of the grandest Gladiolus in existence. Superb. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.25.

**3683 ROSE ASH**—Ashes of Roses. Most striking and variegated art coloring, yet in splendid taste. Highest rating. Entirely distinct. Best grower, producer and bloomer. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3686 SCARLET WONDER**—Flame Red. Real giant, showy, wide open blooms of glaring deep scarlet. A shade darker and larger than Dr. F. E. Bennett. A world's best. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3693 W. H. PHIPPS**—Iridescent Pink. Wonderful variety; strong, straight, tall, extra large, double rowed flower spikes. Fine for gardens or cutting. 8 for 25c. 6 for 40c. 12 for 75c. 100 for \$4.50.

**3649 MRS. P. W. SISSON**—Cameo Pink. Immense flowers, with delicate creamy pink towards throat. Perfectly placed blooms on tall, willowy shafts with many open at once. Show winner of delightful charm and increasing popularity. 3 for 25c. 6 for 40c. 12 for 75c. 100 for \$4.50.



(3639) Type of Marietta Gladiolus

**3654 MINUET**—Orchid. Just like a Cattleya Orchid. The exquisite beauty by which all others are judged. Cream throat blotched dusted purple. Large, heavily textured blooms on straight spikes. Finest lavender in existence and winner at all shows. You simply must have it. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.50.

## RUFFLED DOZEN GLADIOLUS—75c

**Ruffled Gladiolus** Called for their ruffled or frilled petals. Distinct type, beautiful, in enormous popularity.

One Bulb Each of Following 12—75c. 5 Each, \$3.00. 10 Each, \$5.00.

**3615 BOBBY**—Deep Rose. Richest rose with richer crimson blotches on lower petals. Large, gently ruffled, wide triangular blooms, arranged alternately close on tall spikes for excellent cutting. 3 for 25c. 6 for 40c. 12 for 75c. 100 for \$4.50.

**3619 CRINKLES**—Deep Pink. One of the very best of the pink ruffled varieties. Large, beautifully ruffled, good stalks and very deep pink blooms. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.00.

**3628 FERN KYLE**—Cream. Very nicely ruffled, very large flowers of beautiful and delicate creamy white; many open; a bouquet in itself and a wonderful, refined variety. You'll surely want it. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3634 GOLD EAGLE**—Clear Deep Yellow. Slightly ruffled but a real beauty. A rare color with its clear deep yellow blooms. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3685 MARIE KUNDERD**—Paper White. Purest and most beautiful ruffled white. Good for cutting, strong shafts and stocky growth. Wide 3½ inch blooms. One of the world's finest Glads. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3640 MARSHALL FOCH**—Cream Pink. Darker tips, flesh throat. Rich purplish red blotch smearing into a perfect melting rich blend. Extra large; ruffled, heavy blooms. Richest coloring imaginable. 3 for 20c. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3653 MONA LISA**—Pinkish Lavender. Very delicate and beautiful. Large ruffled blooms. Equal to Byron L. Smith and even more delicate color blending. Certainly exquisite. 3 for 20c. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3651 MRS. H. E. BOTHIN**—Light Cream Pink. Lower petals blotched rich orange-ecrise. Lightly ruffled or waved, wide open flowers, compactly arranged on fine shafts. Excellent for cutting. 3 for 20c. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3680 ORANGE FLAME**—Orange Scarlet. Outstanding gigantic beautifully ruffled, wide flaming flowers in splendid taste. Lower petals suffused orange with light purple sprays. Wonderful grower. Excellent. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.50.

**3659 PURPLE GLORY**—Reddish Purple. Considered Kunderd's greatest creation. Extra large, ruffled, wide open, compact blooms. Richest color; exhibition type and finest purple Gladiolus. 3 for 20c. 6 for 35c. 12 for 60c. 100 for \$3.50.

**3677 SCARLANO**—Orange Red. A beautiful ruffled variety with good spikes and flowers of a bright orange red color. An unusual shade. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3697 THE ORCHID**—Orchid Lavender. The most exquisite Gladiolus. Shape and color of Cattleya Orchids; ruffled and lacinated petals, slightly hooded, large flowers. Beautiful. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.50.

## 3700 HASTINGS' FINEST MIXED GLADIOLUS

While many of our customers want the finest individual varieties, such as described above, many also like a general assortment of many colors, and we sell many thousands of our "Hastings' Finest Mixed Gladiolus" every year. We have tried to get a good assortment of colors and shades and you will find that these bulbs produce large showy spikes of the richest colored blooms in great profusion. There are early, medium and late varieties in this assortment so to give you a long flowering season and we are sure you will be delighted with these splendid Glads. Order them by the hundred for garden or border displays and have them for cut-flowers through the summer. It is well to plant some every week or two from frost-proof time until July to prolong the blooming season.

This is not a cheap collection of "left-over" or surplus bulbs nor a bunch of reds and yellow Prims with seedlings thrown in. It is a balanced mixture from named varieties that is meant to please you and glorify your garden. Extremely Low Priced.

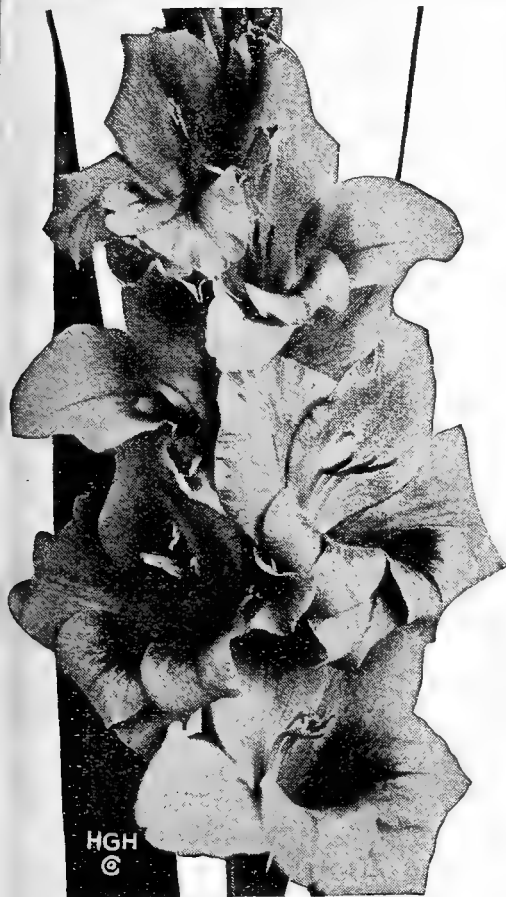
**PRICE**—6 for 25c. 12 for 45c. 25 for 75c. 100 for \$2.50. Not Prepaid—1,000 for \$15.00.



(3628) Ruffled Gladiolus—Fern Kyle



# WORLD'S SUPREME 12 GLADIOLUS



(3647) Blue Glad—Mrs. Van Konynenburg.

These 12 varieties are among the finest, newest and highest rated Gladiolus in the world. The very greatest of their colors, Flower Show winners—they stand supreme!

**3605 AFLAME**—Flame. Begonia rose, shading to bright orange flame towards edges. Petal reverse even brighter than front. Immense, often 6 in. across; 6 or more blooms open at once. Magnificent for all purposes and here to stay. A world's best. 20c each. 3 for 50c. 6 for 90c. 12 for \$1.70. 100 for \$10.50.

**3606 BERTY SNOW**—Light Rosy Lavender. Very pleasing shade of light, rosy lavender with a white blotch in the throat. A superb large flowering variety, forming the very best of elegant strong flower-spikes. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.50.

**3613 BETTY NUTHALL**—Light Coral. Glory of the whole garden. Exquisite new coloring, a warm light coral with pale orange throat and rouge feathering. Extra large new show winner of splendid substance and placement. Formerly sold for \$5.00 each. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.50.

**3631 EMILE AUBRUN**—Coppery Bronze. Overlaid slate with large cherry-red blotch. 8 to 12 open at once and really outstanding. Exceptional for hybridizing. Rare coloring. 3 for 30c. 6 for 50c. 12 for 90c. 100 for \$5.75.

**3643 JOERG'S WHITE**—Pure White. Generally considered the world's best white. Slow propagator so demand for this immense flowered show winner on great spikes is always greater than the supply. 15c each. 3 for 35c. 6 for 60c. 12 for \$1.10. 100 for \$7.00.

**3637 MARMORA**—Lavender Gray. Pale petunia blotch, often called a smoke color but more of a rare gray. 8 to 10 large perfectly placed blooms open at once. One of world's sensations; will be in immense demand when stock is available. Emile Aubrun sport. 20c each. 3 for 50c. 6 for 90c. 12 for \$1.70. 100 for \$10.50.

**3650 MOTHER MACHREE**—Lavender and Salmon Pink. The color is unusual and exquisite, a vinaceous lavender overlaid with salmon-pink toward the edges of the petals. Grows tall; six to ten large well-placed blooms open at a time. 25c each. 3 for 65c. 6 for \$1.25. 12 for \$2.35. 100 for \$14.50.

**3647 MRS. VAN KONYNENBURG**—Blue. Deeper, richer and better than Heavenly Blue, its closest rival in this much sought color. It's a tall, clear, medium light blue. Supreme. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.50.

**3661 PAUL PFITZER**—Brilliant Red-Purple. Clearer, much more brilliant than Purple Glory. Fine grower with immense flowers of heavy substance on strong spike. Very showy, creating a sensation in all shows. You'll surely want this one. 15c each. 3 for 35c. 6 for 65c. 12 for \$1.20. 100 for \$7.50.

**3658 PEARL OF CALIFORNIA**—La France Pink. One of the finest new introductions. Flowers of monstrous size and a beautiful, creamy La France pink. Has had 12 open flowers and 20 buds on the same stalk. Real show variety; winner of many awards. 20c each. 3 for 50c. 6 for 90c. 12 for \$1.70. 100 for \$10.50.

**3660 PFITZER'S TRIUMPH**—Flaming Salmon. Probably the greatest ever produced. A masterpiece. Enormous Amaryllis-like, bright flaming salmon, cherry throat blotch. Excellent placing, spikes, foliage. Sensation in every show and garden. Picture on Page 113. 15c each. 3 for 40c. 6 for 75c. 12 for \$1.35. 100 for \$8.50.

**3684 RITA BECK**—Clear Shell Pink. An outstanding variety of clear shell pink color with scarlet lines on the lip. Six to eight of the immense blooms open at a time. Tall, straight stem that stands up well. 15c each. 3 for 40c. 6 for 70c. 12 for \$1.30. 100 for \$8.25.

## Be Glad With Gladiolus

**World's Supreme 12—\$1.50** One bulb each of the above 12, the outstanding varieties of the Gladiolus World (\$1.95 value), for only \$1.50. 5 Bulbs of Each, 60 Bulbs, \$5.75. 10 Bulbs of Each, 120 Bulbs, \$10.00. PLANT ENOUGH TO EXHIBIT AT YOUR FLOWER SHOW.

## SEVEN ARTISTIC PRIM-HYBRIDS

Primulinus crosses with large-flowered Gladiolus have developed large flowers as well as exquisite pastel colors, tall spikes and most beautiful artistic shapes, making delightful arrangements as cut-flowers—having a grace not found in other Gladiolus.

**3564 DOROTHY WHEELER**—Pinkish Saffron. The best ruffled or waved Prim, in our trials. Exquisite, delicate pastel coloring. Straight spikes, well filled with large open flowers. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3632 GLADDY BOY**—Pink. An extra good and pleasing Primulinus Hybrid. Medium sized flowers of good substance and is somewhat ruffled. In color a pronounced salmon pink. Early maturing. 6 for 30c. 12 for 55c. 100 for \$3.00.

**3642 LONGFELLOW**—La France Pink. Very satisfactory. Flower spikes are tall, slender, wiry holding up the large blooms well. Color very pleasing shade. Does not burn or wilt easily in hot weather. 6 for 35c. 12 for 65c. 100 for \$3.75.

**3646 MAIDEN'S BLUSH**—Shell Pink. Most popular because of earliness and refreshing, delicate color. Sweet violet feather in throat. Tall, wiry, curved shafts. Largely planted by all florists; a money maker. 6 for 25c. 12 for 45c. 100 for \$2.50.

**3691 ORANGE QUEEN**—Clear Gold. Richest blood orange, considered the greatest Primulinus Hybrid. Large, wide, lily blooms, 3½ inches across. New, strong grower, excellent for cutting and simply wonderful color. 6 for 30c. 12 for 55c. 100 for \$3.00.

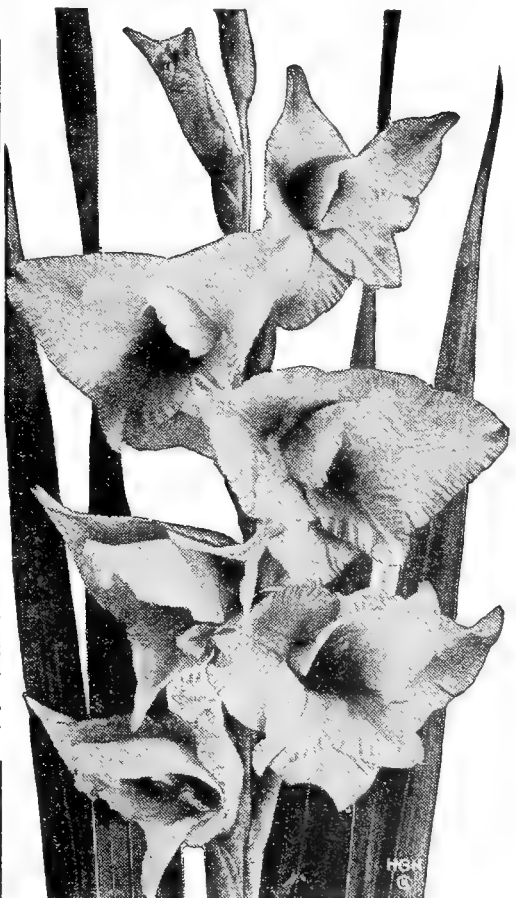
**3694 SOUVENIR**—Pure Yellow. Purest color of all; deep, rich sulphur yellow self-color. Hooded blooms, very artistic, many with curved spikes. Very popular with florists. 6 for 30c. 12 for 50c. 100 for \$2.75.

**3692 TIFFANY**—Snow White. Just what its name implies. Exquisite large wavy flowers of pure white, throats shaded cream. Vigorous, straight and durable. In finest taste and a chaste beauty for all uses. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.25.

**7 Greatest Prims—40c** One bulb each of the above 7 great Primulinus Hybrids, artistic and beautiful for the very finest cut-flowers. Just 45c. 5 of each, \$1.50. 10 of each, \$2.50.

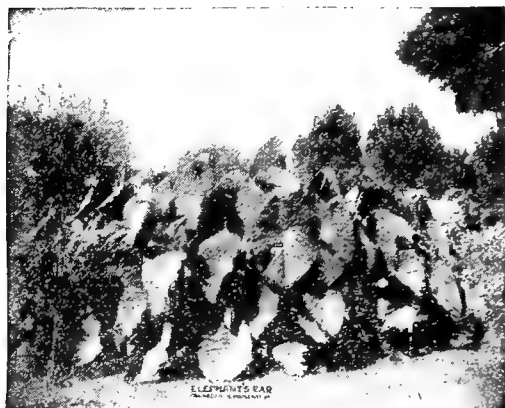
## A Flower Show All Your Own

Garden Clubs hold shows. You may or may not be a member of a garden club, but you can and should have an all-season flower show in your own home surroundings for the neighbors to come, see and admire. Hastings' Seeds, Plants and Bulbs selected from this catalog will start you right toward a flower show of your own of which you can be proud. Varieties listed are the very best of their colors and types.



(3694) Prim. Hybrid Glad—Souvenir

# CALADIUMS OR "ELEPHANT EARS"



(3000) Caladiums or Elephant Ears

**3000** Splendid, decorative, tropical-looking plants with immense green leaves resembling slightly in shape the ears of elephants, hence the name. For a group effect on a lawn or planted along in front of porches they are superb. They delight in rich soil and plenty of water. The larger the bulb planted the larger the leaves grown. After they are killed by frost you can dig up the bulbs and store in dry sand until the next spring. Leaves often attain a length of three feet by twenty inches wide. Each year the bulbs grow larger, make more and larger leaves and of more magnificent growth. Also, small bulbs grow from the mother bulbs and from a few to start with you soon have a large bed of these huge ornamental plants. They grow luxuriantly in the South and may be left in the ground with slight protection in the lower South. A sight of a field of them growing on the Hastings' Plantation is one hardly to be forgotten. They are immense. Medium size bulbs—20c each, 3 for 50c. \$1.50 per dozen. Large size bulbs—35c each, 3 for 85c. \$2.50 per dozen. Extra large bulbs—50c each, 3 for \$1.25. \$4.00 per dozen.

## FANCY LEAF CALADIUMS

**3002** SEE PICTURE. We sell hundreds of these in pots every spring in Atlanta. Our stock of the finest Brazilian varieties is still small but as long as the bulbs last we offer you the real fancy and rare kinds, instead of the so-called standard varieties, at the price of ordinary sorts. Remember, these are small bulbs and plants in comparison with regular Caladiums and must not be confused with them.

These Caladiums will not stand cold. Orders are booked for shipment about Feb. 15th. Plant in shady or partly shady, protected locations outdoors or plant in pots and window or porch boxes. The leaves are very decorative and are spotted, sprayed, veined, ribbed and blotched with white, green, pink, red, orange, bronze and various shades. Each variety has different markings. Plant a number of these, especially in pots and boxes, for beautiful and showy decoration. Mixed Finest Varieties—Each, 25c. 3 for 70c. 6 for \$1.25. 12 for \$2.25.

## HASTINGS' CANNAS

**LOWEST PRICES AND THE FINEST VARIETIES IN AMERICA.** We grow practically all the Canna Seed sold in America and hundreds of thousands of Canna roots on the Hastings' Plantation. Anyone passing through on the highway or railroad can tell you of the unsurpassed glory of color in this gorgeous display. Twenty acres were in full view of the road last summer, causing no end of comment. As this is written, in November, these Cannas are still a glorious sight. There's no other flower to compare with them for flower and foliage effect—and they are so cheap.

We are making a great specialty in Cannas. The beauty about them is that they show full heads of brilliant bloom through the summer and until killing frost, all the time. They make a wonderful display in any yard and stand the hottest of our summers with delight.

### Special Offers for Canna Beds

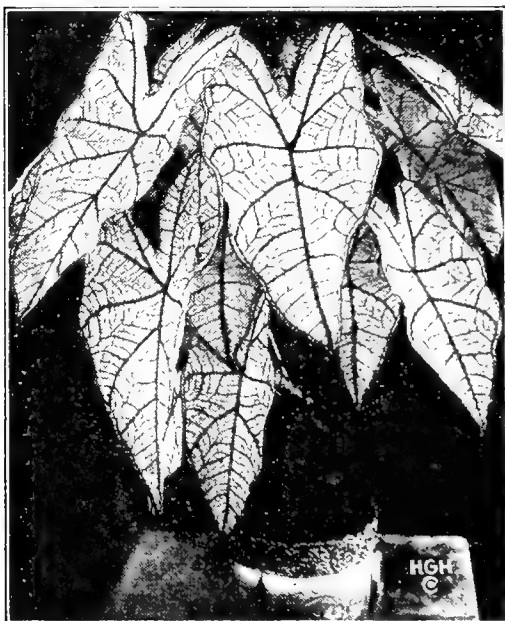
The most striking color effect for Canna beds is red and yellow and with this end in view, we offer Richard Wallace, the best bedding yellow, and the great King Humbert, a striking fiery scarlet red. King Humbert is a little taller than Richard Wallace so is best adapted for the center of beds. Richard Wallace has a glossy green and King Humbert a bronze-green foliage, a very effective contrast.

**CANNA BED "A"**—For Round or Oval shaped 2 row beds, single red center Canna and one outside row of 6 yellow Cannas. 7 Roots, 50c. Postpaid.

**CANNA BED "B"**—For 3 row beds, 7 Cannas for 2 red inner rows and 12 yellow Cannas for outer row. 19 Roots, \$1.35. Postpaid.

**CANNA BED "C"**—For 4 row beds, 19 Cannas for 3 red inner rows and 18 Cannas for yellow outer row. 37 Roots, \$2.25. Postpaid.

**PINK AND WHITE BEDS**—Same proportion as in A, B, C above. Eureka (white) and Hungaria (pink). 7 Roots, 60c. 19 Roots, \$1.75. 37 Roots, \$3.50.



(3002) Young Plant of Fancy Leaf Caladium.



Young Canna Field (15 Acres) Beginning to Bloom on the Hastings' Plantation, Near Atlanta. A Glorious Display of Gorgeous Colors From June Until Tops Were Frozen Down in November. Cannas Make the Best Bed and Border Displays of All.

# THE FINEST CANNAS IN EXISTENCE



Hastings' Gorgeous Flowered Cannas—Unsurpassed for Effect.

## RED CANNAS

**3109 COPPER GIANT**—Copper. 4 ft. Rich green, vigorous plants. Immense heads of unique colored giant flowers. Copper or madder-red, beautifully suffused with rose. Roots, 25c each. 3 for 65c. 6 for \$1.10. 12 for \$2.00.

**3124 FRAU DR. KLEIN**—Carmine Flame. 5 ft. Handsome green foliage on tall, strong plants supporting large trusses of enormous glistening carmine-red, appearing flame-red flowers. Roots, 25c each. 3 for 65c. 6 for \$1.10. 12 for \$2.00.

**3130 KING HUMBERT**—Fiery Red. 5 ft. Most popular and satisfactory Canna. Excellent growth and bloom. Heavy deep purple-madder brown over bronze foliage with very large, somewhat heart-shaped leaves. Large compact flower heads with large ruffled or orchid blooms. Color is fiery red or orange-scarlet. 2 for 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

**3170 PENNSYLVANIA**—Scarlet. 5 ft. Almost identical with King Humbert except has green foliage. Excellent growth and bloom. Orchid-flowering with large petals and blooms. Color is a flaming red or scarlet; slightly tinged yellow in throat. A beautiful red. Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3203 THE AMBASSADOR**—Cherry Red. 4½ ft. Superb bedding Canna, called bronze leaved The President and just as fine in every way. Keeps a clean head, flowers dropping as soon as spent. Mammoth trusses for gorgeous colored beds. Grand. Roots, 20c each. 3 for 50c. 6 for 95c. 12 for \$1.75.

**3205 THE PRESIDENT**—Glowing Scarlet. 4 ft. Superior to Fiery Cross. Green stocky foliage; extra large trusses on strong shafts well above foliage. Compact heads of gigantic bloom. Color is vermilion or glowing scarlet and the huge petals look like silk crepe; the great trusses are beautiful. The President is superior to any other red Canna. 2 Roots, 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

**3108 WINTZER'S COLOSSAL**—Vivid Scarlet. 5 ft. Green foliage and perhaps the largest Canna in cultivation; flowers often 8 inches across. Petals droop or hang very beautifully. Color is a vivid, striking scarlet that retains its brilliancy. Many pick this variety as the grandest of all Cannas. It is magnificent. 2 Roots, 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

## WHITE CANNA

**3120 EUREKA**—White. 3½ ft. Also called Mont Blanc, Snow Queen, Blanche Wintzer, Maros. Foliage light green; heavy, strong, low growth with large compact heads of large blooms. One of the very finest of all Cannas. Color creamy white, the whitest of all, with very faint lavender stippling in throat. Extra fine; wonderful bedder. The very best white. 2 Roots, 30c. 6 for 75c. 12 for \$1.25. 25 for \$2.00. 100 for \$7.50.

## PINK CANNAS

**3107 CITY OF PORTLAND**—Deep Rose. 3½ ft. Very good growth and beautiful bloom. Green foliage; 8 to 10 medium large blooms open at a time. Color is a very beautiful light rose-pink throughout and a profuse bloomer. Similar to Mrs. A. F. Conard except lighter in the sun. 2 Roots, 30c. 6 for 75c. 12 for \$1.25. 100 for \$7.50.

**3128 HUNGARIA**—Rose Pink. 4 ft. Strong grower with green foliage and very large, heavy heads of large flowers borne erect on stout shafts well above foliage. Color is rich rose pink. Considered finest pink and it is the best pure pink in existence. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3145 MME. VICTOR CAYEUX**—Salmon Rose. 4 ft. Delightful and rare new color shade in Cannas. Magnificent large heads on strong healthy green leaved plants. We don't believe anyone else in America lists this gorgeous new Canna. Roots, 25c each. 3 for 65c. 6 for \$1.10. 12 for \$2.00.

**3150 MRS. ALFRED F. CONARD**—Salmon Pink. 4 ft. Stocky green foliage, extra large trusses of 6 to 18 large flowers with broad reflexed petals open at a time. Extremely beautiful very deep flesh pink salmon-pink; deeper in throat. 2 Roots, 30c. 6 for 75c. 12 for \$1.25. 25 for \$2.00. 100 for \$7.50.

## YELLOW CANNAS

**3100 ALLEMANIA**—Yellow and Gold. 5 ft. Excellent growth and bloom. Heavy foliage; wide open, very large ruffled blooms with very large petals. Molten yellow, deep orange-red blotches and variegations on all 5 large petals. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3127 GLADIATOR**—Yellow Spotted Red. 4½ ft. Excellent growth and bloom. Light green silver edged foliage of robust habit. Heavy bloomer, 2 to 6 flowers open at a time on large heads. Color is deep yellow very brilliantly spotted with rich red, resembling a tiger lily. Petal edges are slightly crimped. Fine. 2 Roots, 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

**3190 RICHARD WALLACE**—Canary Yellow. 4 ft. Excellent bedder. Light green foliage; large attractive trusses with 5 to 6 good sized blooms open at a time. Color is light yellow turning cream. This is border display variety showing in the picture. The finest yellow we know for bedding and one of the finest of all yellows. Notice our Bedding offer on Page 116. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3230 YELLOW KING HUMBERT**—Lemon Stippled Red. 5 ft. Also called Queen Helen. Probably the most interesting Canna. Stocky green foliage but often shows bronze variations; very large flower heads and 4 large wide open blooms at a time. Color is deep lemon yellow dotted red but shows red petals, half petals, sometimes whole heads of red flowers. Part red and part yellow blooms and both green and bronze foliage is often found on the same plant. 2 Roots, 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

## ORANGE-SALMON

**3103 APRICOT**—Peach-Pink. 4 ft. This is one of the finest Cannas ever introduced. New variety with green foliage; good sized flowers with large, broad, rounded petals of handsome shape; excellent thick and large trusses of exquisite flowers. Color buff, overlaid salmon-pink; mass effect of rich apricot. 2 Roots, 25c. 6 for 60c. 12 for \$1.00. 25 for \$1.75. 100 for \$6.00.

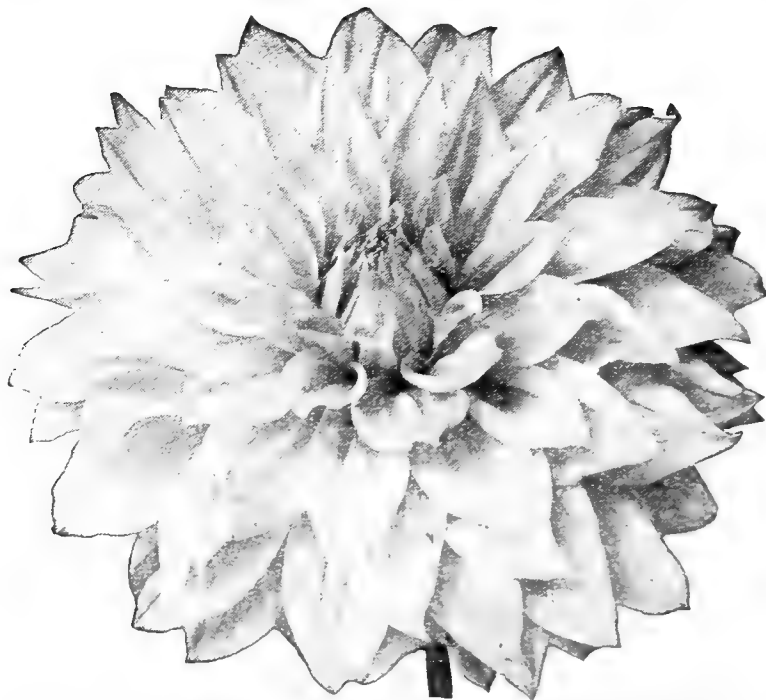
**3129 INDIANA**—Orange. 5 ft. Heavy green foliage surmounted by large strong flower heads of a most vivid golden orange. Individual flowers are extra large, often 7 inches across. Orchid flowering and one of the most satisfactory cultivation. Particularly adapted for tall beds, borders and backgrounds. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3160 ORANGE BEDDER**—Blood Orange. 4 ft. Excellent growth and bloom. Heavy deep green foliage; excellent bedder; 8 blooms open at a time. Color is the richest blood orange with a yellow throat and simply gorgeous. This is one of the finest display Cannas grown. Try it this year. It is rich. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**3220 WYOMING**—Salmon. 5 ft. Very strong growth and excellent bloom. Large trusses, 3 to 4 large wide open blooms, with all petals extra large, open at a time. Color is a very deep salmon or blood orange with faint red penciling in throat. Very heavy, large bronze leaves; a wonderful tall bedder. 3 Roots, 25c. 6 for 45c. 12 for 75c. 25 for \$1.35. 100 for \$5.00.

**\$1.00 Canna Special** One strong Root each of 12 famous varieties on this page, our selection, unlabeled—\$1.00, postpaid. 5 of each, 60 Roots in all, correctly labeled, \$4.50.





(3355) Jersey's Beauty—Typical Flower Form of Decorative Dahlia

**NOTE**—Hastings' Dahlias are supplied in strong, dormant field-grown roots or tubers; quick to grow and begin blooming. Simple Culture Directions come with each other.

**3365 JUDGE MAREAN**—Dec. Autumn. Size 7x4 in. Ht. 4½ ft. A wonderful blending of yellow, gold and orange, suffused pink and edged red. Grand. 40c. 3 for 90c. 12 for \$3.00.

**3384 MAUD ADAMS**—Ball. Shell Pink. Size 4x3½ in. Ht. 4 ft. Beautifully formed, early, free bloomer on fine, stiff stems. Delicately lovely. 25c. 3 for 55c. 12 for \$1.60.

**3390 MINA BURGLE**—Dec. Cardinal Red. Size 6x2½ in. Ht. 5 ft. Exceptionally vigorous, free blooming, perfect flowers on fine stems. Always wanted. 25c. 3 for 55c. 12 for \$1.60.

**3406 MRS. CARL SALBACH**—Dec. Mauve Pink. Size 7½x3 in. Ht. 6 ft. Large, exquisite mauve-pink tinting to white at center. Perfect flowers. 30c. 3 for 60c. 12 for \$1.85.

**3411 MRS. J. HARRISON DICK**—Dec. Yellow. Size 6x3½ in. Ht. 5 ft. Citron yellow, outer petals suffused salmon-pink. Greatest profusion of blooms. 30c. 3 for 60c. 12 for \$1.85.

**3435 RENE CAYEUX**—Crimson Red. Wonderful fine French variety. A continuous and free bloomer beginning early and continuing through fall. Rich clear glowing crimson red. 35c each. 3 for 80c. 12 for \$2.50.

**3448 SAGAMORE**—Dec. Saffron Yellow. Size 7x3½ in. Ht. 5 ft. Shows glowing red-tinted golden suffusion; particularly fine, free bloomer South; large, perfect flowers. 40c. 3 for 90c. 12 for \$3.00.

**Cut-Flower 7 Dahlias—\$1.50** Exquisite selection for the finest cut-flowers all the season. Profuse bloomers on fine stems, delightful coloring, different forms and splendid garden varieties. Just what you want for the home. (Value, \$2.25.) Only \$1.50.

**3302 A. D. LIVONI**—Ball. Cerise Pink. Size 4½x3½ in. Ht. 4½ ft. Delightful clear color and quilled petals; free bloomer and a great favorite everywhere. 25c. 3 for 55c. 12 for \$1.60.

**3309 BASHFUL GIANT**—Apricot. One of the largest flowering decorative dahlias, fine for exhibition. Free bloomer. Exquisite apricot with buff and gold tints. Each 35c. 3 for 70c. 12 for \$2.35.

**3316 DARLENE**—Dec. Pure Pink. Size 4x2 in. Ht. 3 ft. Extremely early and profuse bloomer; splendid form. Dwarf branching habit. 25c. 3 for 55c. 12 for \$1.60.

**3350 JACK ROSE**—Dec. Crimson Red. Size 4½x2½ in. Ht. 4 ft. Profuse flowering, best garden or cutting crimson. Deep rich velvety color. 25c. 3 for 50c. 12 for \$1.50.

**3379 LIBELLE**—Cactus. Aster Purple. Size 5x3 in. Ht. 4 ft. Beautiful color and grand variety; profuse bloomer for regular cuttings of flowers. 25c. 3 for 55c. 12 for \$1.60.

**3427 PRIDE OF CALIFORNIA**—Red. Mammoth rich "American Beauty" red. Tall vigorous grower, blooms through summer and fall. Each 25c. 3 for 55c. 12 for \$1.60.

**3459 SUNSET GLOW**—Hyb. Cactus. Blood Orange. Size 6x3 in. Ht. 4½ ft. Beautiful yellow, overlaid flame-scarlet. Early, profuse, perfect flowers. For all purposes. 30c. 3 for 60c. 12 for \$1.85.

**"Standard 7 Dahlias"—\$1.00** One root each of the above seven, the greatest Dahlia bargain we have ever offered or you can find anywhere. A brilliant assortment of worth-while varieties at about half-price, postpaid. Over 10,000 were sold last year—every variety is a fine standard favorite, sure to give splendid satisfaction. (Value, \$1.90.) Only \$1.00. You May Order Several.

# Hastings' Dahlias

## SELECTED INDIVIDUAL VARIETIES

**NOTE**—Dahlias cannot be shipped safely before about March 15th but send your order in early. We will "book" your order and send it to you as soon as it is safe to ship without danger from cold. Plant Dahlias in Atlanta latitude from April 15 until August. The demand is so great for Hastings' Dahlias that we ask you to order as early as possible before varieties you want have been sold.

**3329 FORT MONMOUTH**—Hybrid Cactus. Deep Crimson. Size 10x4 in. Ht. 6½ ft. Rich velvety crimson, shading to maroon. Wonderful form on long stiff stems. 90c each. 3 for \$2.40. 12 for \$9.00.

**3352 JANE COWL**—Hybrid Decorative. Apricot. Size 10x6 in. Ht. 5 ft. Golden buff and old gold, blending to apricot and rose at center. Great form, massive beauty, stiff stems. Greatest winner of all. 60c each. 3 for \$1.50. 12 for \$5.50.

**3355 JERSEY'S BEAUTY**—Decorative. Pink. Size 6x4 in. Ht. 6 ft. Greatest Dahlia of today. Perfect, large, full flower; tall, strong grower; exquisite flower. 35c. 3 for 70c. 12 for \$2.35.

**3410 MRS. I. DE VER WARNER**—Dec. Mauve. Size 10x3 in. Ht. 6 ft. This exquisite mauve-pink Dahlia is unsurpassed—fine as Jersey's Beauty and larger, finest form. 30c. 3 for 60c. 12 for \$1.85.

## "Big 4 Special Dahlias"—\$1.35

One root each of above 4 most popular, beautiful and satisfactory of all varieties. (Value, \$2.15.) Special for \$1.35.

## POMPON—Lilliputian Dahlias

The newest "craze" in Dahlias. Miniature form of Ball or Show type. Small, round flowers, less than 2 inches across, borne in greatest profusion. Especially fine for cut-flowers and garden decoration. Dwarf, compact, branching plants. Very desirable and entirely worth-while. Make the grandest cut-flower of all.

**3487 DEE DEE**—Lavender. Size 1½ in. Ht. 3 ft. Splendid color; perfect little blooms. 30c. 3 for 60c. 12 for \$1.85.

**3334 GOLDEN QUEEN**—Yellow. Size 1½ in. Ht. 3½ ft. Finest, brightest, deepest yellow. 30c. 3 for 60c. 12 for \$1.85.

**3488 JOE FETTE**—White. Lovely pure white flowers, 1½ inches in diameter. Height 3½ ft. Long stems. Each, 30c. 3 for 60c. 12 for \$1.85.

**3377 LITTLE HERMAN**—Red. Size 1½ in. Ht. 3½ ft. Cardinal red, shaded maroon, white tips. 30c. 3 for 65c. 12 for \$2.00.

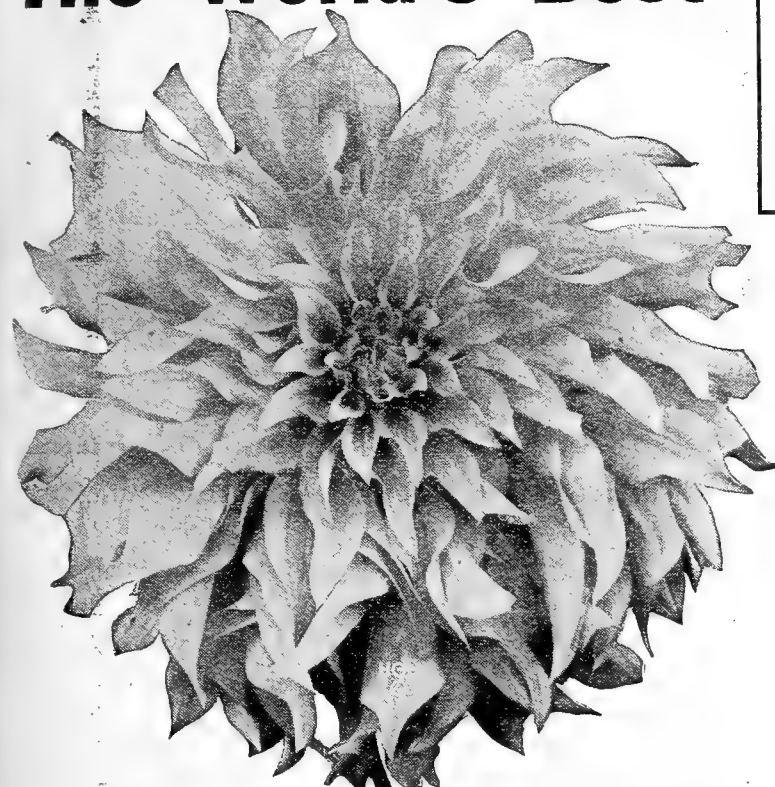
**3495 RED IMP**—Red. An intense rich glowing red. An early and profuse bloomer of branching habit. Each, 30c. 3 for 65c. 12 for \$2.00.

**"Pompon 5 Dahlias" 95c** One root each of these 6 Pompons. This gives you the best of each color for 95c. (Value, \$1.50.)



(3459) Sunset Glow—Blood Orange Hybrid Cactus Dahlia

# The World's Best



(3352) Jane Cowl—Incomparable Hybrid Decorative Dahlia

**3311 CHEMAR'S EUREKA**—Dec. White. Size, 8x3 in. Ht. 6 ft. The new supreme white, a touch of lavender-pink at center. Strong, free bloomer. 60c. 3 for \$1.50. 12 for \$5.50.

**3312 CITY OF TRENTON**—Decorative. Red and Pink. Size, 10x4 in. Ht. 6 ft. Outstanding new coloring, bronzy-red-pink shades. Strong, robust plant; full flowers up to 12 in. across on long erect stems. Exhibition. Roots, 70c. 3 for \$1.80. 12 for \$6.65.

**3354 JERSEY'S BEACON**—Dec. Oriental Red. Size 9x4 in. Ht. 4½ ft. Running mate to Jersey's Beauty. Chinese scarlet, buff reflex. Early, continuous bloomer. 45c. 3 for \$1.00. 12 for \$3.50.

**3383 MARMION**—Dec. Old Gold. Size, 9x4 in. Ht. 5 ft. Exhibition golden yellow, bronzy suffusion. Great size and depth. Stately, always demanded. 70c. 3 for \$1.80. 12 for \$6.65.

**3432 QUEEN OF THE GARDEN BEAUTIFUL**—Hybrid. Dec. Yellow. Size, 10x4 in. Ht. 5 ft. Immense bright lemon yellow, great keeper on strong stems. Tied Eliza Shepard for sweepstakes in our Dahlia show. 70c. 3 for \$1.80. 12 for \$6.65.

**3440 ROBERT TREAT**—Dec. American Beauty Red. Size, 8x4 in. Ht. 5 ft. Richest deep rose-cerise, very large, perfect form. Strong grower. Superb. 50c. 3 for \$1.20. 12 for \$4.25.

**3463 TRENTONIAN**—Bronze. Another of the famous Trenton family of dahlias. Ht. 4½ ft.; bloom 7x3½. Color a unique shade of coppery to reddish bronze. Each 40c. 3 for 90c. 12 for \$3.00.

**"Super Giant 7 Dahlias" \$3.00** One root each of the above seven super-fine Giants of the Dahlia world. Consistent show winners, wonderful colors, really a valuable and remarkable display. (Value, \$4.05.) Genuine Bargain at \$3.00.

## NEW VARIETIES OF SPECIAL MERIT

**3324 ELITE GLORY**—Decorative. Red. Size 10x4 in. Ht. 4½ ft. Magnificent giant red; flowers of great substance and regular form. Free bloomer on rigid stems; entirely distinct. Massive show winning variety. 60c each. 3 for \$1.50. 12 for \$5.50.

**3326 ELIZA LONDON SHEPARD**—Inf. Dec. Luminous Orange-Gold. Size 10x5 in. Ht. 6 ft. The Dahlia Supreme. Richest glowing color of all; free blooming on long rigid stems; luxuriant growth. Simply marvelous color. \$1.20 each. 3 for \$3.25. 12 for \$12.00.

**3328 FRAZIER**—Formal Decorative. Another new dahlia that will make a real place for itself through merit. Height about 4 ft., of rather dwarf branching habit. Early and continuous bloomer on stiff stems. Flowers 8 to 9 inches across held well above the foliage and splendid keepers after cutting. Not affected by insects or disease. Color unique, a rich glowing oriental red, tipped yellow with yellow at base of petals. \$1.20 each. 3 for \$3.25. 12 for \$12.00.

**3376 KATHLEEN NORRIS**—Inf. Dec. Rose Pink. Size 10x5 in. Ht. 5 ft. True rose pink, deepening later to mallow pink, with center petals lighter. Strong grower with stiff stems; excellent keeper. Gigantic beauty. \$1.20 each. 3 for \$3.25. 12 for \$12.00.

**3369 KEMP'S VIOLET WONDER**—Informal Decorative. Violet. Size 10x5 in. Ht. 5 ft. Big show winner. Best violet to date, undertone of royal purple. Vigorous grower, massive flowers on fine long stems. \$1.00 each. 3 for \$2.70. 12 for \$10.00.

## How To Grow The Largest Flowers

For the largest flower, leave only the terminal bud to a single stem plant, pinching off all other buds as they appear, clear to the ground. For 4 to 6 fine, large flowers per plant, pinch out the top of plant, leaving 2 or 3 pairs of leaves. A shoot should start from the axil of each leaf. As these shoots grow, disbud all but the terminal bud. This gives almost as large flowers on fine long stems. For garden or commercial cut flowers, let plant grow naturally until buds appear. Then remove terminal and next two buds. As lateral branches grow, leave terminal but pinch off other buds. This gives 12 to 40 nice sized flowers with long stems. Support plants by securing to stout stakes.

**3370 KENTUCKY**—Formal Decorative. Most of you who have followed the wonderful development of dahlias in recent years have been impressed with Jersey Beauty. This new dahlia is a sport of Jersey Beauty and is identical with that famous variety except in color which is a pure salmon pink. Size 6 inch by 4; vigorous stalks about 6 feet high. Add this to Jersey Beauty, Jersey Beacon and others of the Jersey dahlia family. 50c. 3 for \$1.20. 12 for \$4.25.

**3372 KING MIDAS**—Inf. Dec. A giant flower among dahlias, producing 12 inch blooms when properly fed. This variety is a strong, sturdy grown, absolutely healthy, an early, free and continuous bloomer until frost. Flowers so full and double that they last on the plant an unbelievably long time. A prize winner at every show the year it was brought out. Rated as one of the six greatest of all exhibition Dahlias and the greatest among the golden yellows. \$1.00. 3 for \$2.70. 12 for \$10.00.

**3386 MARIE**—Dec. Luminous Pink. Size 7x3 in. Ht. 3½ ft. Ideal garden Dahlia; larger, more profuse and with much richer color than Jersey Beauty. Early, stiff stems, free branching, valuable keeper. 60c. 3 for \$1.50. 12 for \$5.50.

**3438 ROBERT E. LEE**—Hybrid Cactus. Cardinal Red. Size 10x6 in. Ht. 5 ft. Bright, luminous cardinal red that doesn't fade. Named by our Mr. Freeborn as the first Dahlia worthy of the name. Gigantic new winner. \$1.20 each. 3 for \$3.25. 6 for \$12.00.

**3462 THOMAS A. EDISON**—Dec. Royal Purple. Size 10x4½ in. Ht. 4 ft. Massive flower of royal deep color, erect on stiff stems. Strong, sturdy grower. \$1.70 each. 3 for \$4.60. 12 for \$17.00.

**3465 TREASURE ISLAND**—Dec. Apricot Rose. Size 10x4½ in. Ht. 5 ft. Grand autumn coloring, bright apricot heavily suffused rose and gold. Splendid flower on long stems. 1931 national sweepstakes winner. Sensational. 70c each. 3 for \$1.80. 12 for \$6.65.

**3464 TY COBB**—Inf. Dec. It is fully predicted that this great dahlia named after Georgia's famous ball player will be equally famous in the dahlia world. Plant is a strong, vigorous grower with dark green glossy leaves; an early, free and continuous bloomer throughout the season. In color it carries its chief charm; brilliant glowing garnet, shading deeper with a most lustrous sheen. The reflex is a luminous crimson purple. Flowers are large, 8 to 10 inches in diameter when properly fed. Graceful hybrid between cactus and decorative. \$1.20 each. 3 for \$3.25. 12 for \$12.00.

**3466 WALDHEIM SUNSHINE**—Dec. Peony. Golden Yellow. Size 11x5 in. Ht. 5½ ft. Long wavy petals of deep yellow, darker reflex; full center. Largest flower in National Show, 14¼ in. across, pictured in hundreds of papers. \$1.00 each. 3 for \$2.70. 12 for \$10.00.



(3438) Robert E. Lee—Great New Red Hybrid Cactus Dahlia



Lilium Regale, Regal or Royal Lilies. Easily Grown. Hardy, Extremely Beautiful. In Great Demand. 25c each.

## HARDY LILIES FOR OUTDOORS

**3025 LILIAM AURATUM** Bulbs from Japan. Plant from December to April. **"Golden-rayed Lily"** One of the finest and most popular hardy garden Lilies. Flowers are pure white, thickly studded with crimson spots and along the middle of each petal runs a clear golden band, truly a gorgeous creation. Grows 3 to 5 feet high and enormous flowers are 6 to 12 inches across with delightful fragrance.

Plant bulbs about 6 inches deep with a little sand under bulbs for drainage. They do best in perennial borders or where lower part of plants is sheltered from hot sun. Bloom from June through the summer and make a gorgeous display when 6 to 12 are planted together. **Monster Bulbs**—40c each; 3 for \$1.10; 12 for \$1.00; 25 for \$7.50; 100 for \$28.00.

**3027 LILIAM SPECIOSUM MAGNIFICUM "Oriental Orchids"** Bulbs from Japan. Plant from December to April. Order before April.

Extremely beautiful Lily of frosted white and spotted, clouded and bordered with deep pinkish crimson. Belongs with Auratum and truly named "The Magnificent." Grows 3 to 4 feet high with reflexed petals and massive blooms. Larger flowers, stouter stems and better than Rubrum, Roseum or Melpomene of the Speciosum group. Blooms in August and does well planted with Auratum, an equal favorite. **Monster Bulbs**—45c each; 3 for \$1.20; 12 for \$4.50; 25 for \$8.65; 100 for \$35.00.

**3028 LILIAM SPECIOSUM ALBUM** Delicate colored Oriental Orchid Lily with reflexed petals of glistening crystal white, feathered green with green anthers. Otherwise similar to Magnificum and Auratum with which it belongs. Plant December to April. Blooms in August. **Monster Bulbs**—50c each; 3 for \$1.35; 12 for \$5.00; 25 for \$9.50; 100 for \$35.00. Order before April.



Lilium Auratum, Golden-Rayed Lily

**3035 LILIAM REGALE "Regal Lily"** Originally from China, now grown in America. Plant October to April.

Generally considered the most beautiful of all Lilies. Easily grown and in great demand all over America. Flowers are white suffused with pink and with an exquisite shade of canary-yellow towards the center. The jasmine-like fragrance is fascinating and you will be delighted with its charming beauty. Well grown plants often produce 5 to 8 large blooms on 3 to 4 foot plants in June. Plant 6 inches deep, carefully on a little sand for drainage. Bulbs are not as big as many Lilies but ours are the largest flowering size bulbs obtainable. **Large Bulbs**—25c each; 3 for 65c; 12 for \$2.25; 25 for \$4.25; 100 for \$15.00. **REGAL LILY SEED**, Page 81.

**3038 LILIAM TIGRINUM** Plant January to April. The well-known giant **"Tiger Lily"** single Tiger Lily that does so well in almost any location. Large flowers of orange-red with black spots. 4 to 5 feet tall with large pyramids of flowers about July. 30c each; 3 for 85c; 12 for \$3.00; 25 for \$6.00.

**3039 Lilium Tigrinum, Double** Same as Lilium Tigrinum except that flowers are double instead of single. Very satisfactory and popular. 30c each; 3 for 85c; 12 for \$3.00; 25 for \$6.00.

**2695 HASTINGS' LILY "Pips"** The finest Lily of the Valley in the world are sold by Hastings. These Pips are the best of all for forcing purposes and will do fine for you for pot or box growing in the house. Remember, our Berlin-Wittenberg type Pips are "Top-Size" only. They produce strong spikes of 12 to 20 extra large, pure white bells each and are delightfully fragrant. Very easy for anybody to grow and about the quickest bulb we know to bloom. (3 weeks). 6 for 50c; 12 for 95c; 25 for \$1.75; 100 for \$6.00; 1,000 for \$50.00.

Write for prices on Outdoor Lily of the Valley Pips.

**3029 Lilium Henryi** The Orange Speciosum. Vigorous, tall to 6 feet, 6 to 20 nodding, flaring flowers of clear soft orange with emerald green hearts, horny papillae and few raised brown spots. August flowering, stem rooting. Give partial shade and granulated peat is advised for humus. Order and plant early. **Large Bulbs**—65c each; 3 for \$1.80; 12 for \$6.50.

**3030 Lilium Tenuifolium** Siberian Coral Lily. Brightest of all lilies; 18 inches high; finely cut foliage; slender stems. Beautiful coral-red flowers; fine for rockeries, lawn clumps and cut-flowers. Order and plant early. June flowering; stemrooting. 35c each; 3 for \$1.00; 12 for \$3.50; 100 for \$25.00.

**3031 Lilium Elegans HYBRIDS**—Cup-shaped flowers in red and yellow shades; 15 to 24 inches high. Of easy culture, very hardy; grand for rock gardens and naturalizing as they like sun. Plant 3 times depth of bulb. Order and plant early. June flowering. 25c each; 3 for 70c; 12 for \$2.50; 100 for \$16.00.

**3032 Lilium Umbellatum** Red Hybrids. Very striking garden Lily. 2 to 2½ ft. tall; rich orange-red shaded coppery-crimson. 4 to 6 cup-shaped flowers; petals slightly reflexed. Base rooting; May-June flowering. Order and plant early. Effective border lily. 35c each; 3 for \$1.00; 12 for \$3.50; 100 for \$25.00.

**Water Lilies** Write for prices on Tropical, Hardy and Lotus Water Lilies in colors desired.



Lilium Magnificum, Oriental Orchids





(3040) **Amaryllis Hybrids**—Showing a Few of the Many Color Markings and Flower Shapes in the New Giant Hybrids.

## AMARYLLIS HYBRIDS

**3040** In the lower South, Amaryllis grow well outdoors and are a source of great beauty and attraction. In the upper South and North they are prized as pot plants for blooming indoors.

No bulbous plants give the amateur greater pleasure for the window garden than these New Giant Flowering Hybrid Amaryllis. The huge lily blooms with their brilliant contrasting colors clustered in great heads of flowers on strong terminal stems, center your attention in any surroundings. They are gorgeous. Colors range from white with markings of rose, red and crimson to richest self colors of scarlet, cherry, crimson, bright red and almost maroon.

Pot up bulbs in good soil, with a handful of bone meal mixed in, water well and keep in a dark place at 50 to 60 degrees for 4 weeks. Then place in a sunny window and water regularly. After blooming, set outdoors in part shade, laying pots on the side until bulbs are dormant. Repot in late fall for flowering the following spring. Cover bulbs about 3 inches if planted outdoors. Plant early for spring blooms. These monster bulbs are very quick to flower.

Choice Hybrids—50c each. 3 for \$1.25. 6 for \$2.35. 12 for \$4.50. 100 for \$30.00.

**3127 Butterfly Lily** **HEDYCHUM CORONARIUM**—Ginger Lily. Flourishes on low or moist rich soil, forming a dense clump 3 to 6 ft. tall. Tuberous rooted; suited to entire South. Masses of fragrant, pure white flowers, like white butterflies, borne in large clusters on top of each stalk. Blooms all summer and fall. Plant just under surface; they are very easy to grow. 25c each. 3 for 70c. 12 for \$2.50. 100 for \$16.00.

**DAY LILIES—HEMEROCALLIS**—Lemon and Orange Day Lilies are listed on Page 99.

**3135 Fairy Lily** **ZEPHYRANTHES**—Zephyr Lily. Delightful little 8-12-inch plants with long, narrow, grassy leaves and pretty, graceful, star-lily-like flowers, blooming all summer. Tender but easily grown in rock garden or any well-drained garden soil. Set 3-in. deep and 4-in. apart outdoors. Ideal for growing in pots or boxes.

**3135 ROSEA**—The clear rosy pink everyone wants. Bulbs—3 for 35c. 6 for 65c. 12 for \$1.25. 100 for \$8.00.

**3140 Guernsey Lily-Nerine** **NERINE SARNIENSIS**—Charming, artistic and dainty 6-in. heads or umbels of rosy red flowers with long, narrow petals curled back; very long, protruding stamens. 18 to 24-inch leafless, erect flowering stems arise in early fall. After blooming, the leaves appear, dying back in late spring. Plant in late spring or summer, giving perfect drainage always. Long lasting as cut-flowers; beautiful in slightly raised beds, in the border or in pots. Order now for April-May delivery. Bulbs 20c each. 3 for 50c. 12 for \$1.75. 100 for \$12.00.

**3145 Milk and Wine Lily** **CRINUM FIMBRIATULUM**—Nassau Lily. Magnificent large flowering bulbs. Closely related to Amaryllis. Evergreen, of easy culture in lower South outdoors; indoors or with winter protection for the North. Strong grower in any soil. 3 to 4-inch flowers in large, showy umbels. Flowers handsomely striped white and carmine (milk and wine). Bulbs—35c each. 3 for \$1.00. 6 for \$1.85. 12 for \$3.50. 100 for \$24.00.

**3160 Spider Lily** **HYMENOCALLIS CARIBAEA**—Spanish Lily. (Pancratium). West Indies bulb of easiest culture, bearing large, artistic clusters of spider-like, pure white flowers continuously all summer. A dozen bulbs will give a nice succession of bloom. Foliage is evergreen and plants grow 18 to 24 inches high. Bulbs may be potted as for Amaryllis. Very odd, interesting, attractive flowers. Largest Bulbs—35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$24.00.

**3185 Ismene-Peruvian Daffodil** **ISMENE CALATHINA**. One of our finest, very easily cultivated, summer blooming bulbs. This Giant Ismene is a cactus-flowered, pure white Amaryllis-like bloom, several flowers borne terminally on each leafless stem. Bulbs multiply rapidly. Plant preferably in groups of 6 or more in fairly rich light soil, covering bulbs 3 or 4 inches. May be winter flowered like tuberous Begonias. Bulbs—25c each. 3 for 70c. 6 for \$1.35. 12 for \$2.50.

**MONTBRETIAS** **HARDY GLADIOLUS**—Jacob's Ladder. Hardy South, with mulching farther North. Start blooming as Gladiolus finish, about August 1st, and continue until frost, of everblooming nature. Much nicer for landscape and cutting than Glads; slender, wiry stems, with flowers in flaming art shades. Need no staking. Give rich, light, well-drained soil and water well when blooming.

**3188 MIXED**—Yellow, orange, salmon, scarlet. 3 for 30c. 6 for 50c. 12 for 90c. 100 for \$5.00.

**3186 HIS MAJESTY**—New Giant type, flame, scarlet. 35c each. 12 for \$3.50.

**3187 QUEEN ALEXANDRA**—Giant chrome yellow, carmine blotch. 30c. 12 for \$3.00.

**3189 UNA**—Giant rich apricot, carmine blotch. 30c each. 12 for \$3.00.

**3199 Tigridias** **TIGER OR SHELL FLOWER**. Brilliant July to Sept., silken triangle flowers with contrasting fiery tints of bright yellow to molten orange and vivid scarlets. Plant with sand around bulb; treat as Gladiolus. 20c each. 3 for 55c. 12 for \$2.00.

## 3050 DOUBLE TUBEROSE — EXCELSIOR PEARL

A favorite everywhere in the South. Suitable for culture anywhere, in pots, boxes or open ground. In many parts of the South it is the favorite summer-flowering bulb, a single flower scenting the entire room. It grows vigorously in all parts of the South and our bulbs are always sure bloomers the first season. A succession of flowers may be obtained all the year round. For early flowers start in February in the hotbed. For flowering outdoors, plant as soon as the ground becomes warm. Our Excelsior strain has been improved in dwarf habit of growth so you won't have to stake or tie them up. In extreme doubleness of the large waxy white fragrant flowers, and in early flowering they are unsurpassed. Atlanta florists charge 25 cents each for these blooms from the Hastings' Plantation, even in a dry season like the summer of 1931. The sweetest Tuberose grown, the most fully double: of stiff, erect, dwarf growth, early flowering and cheap in price. The garden is incomplete without Tuberose. 6 for 30c. 12 for 50c. 100 for \$2.90. 1,000 for \$25.00.



(3185) **Ismene or Peruvian Daffodil**—So Easy to Grow



Double Pearl Tuberose

# Insecticides—Fungicides

There are two kinds of insects that attack your garden, shrubs, flowers and trees. "Biting Insects" chew up the foliage and to kill them use a stomach poison. "Sucking Insects" suck the plant juices until plants wither and die and to kill them use a contact poison. For treatment of seeds, bulbs and soil against fungous disease use Semesan.

If you are in doubt about what to use or what kind of insects are



Use **EVER GREEN**  
NON-POISONOUS INSECTICIDE to  
**PROTECT YOUR GARDEN**

Pyrethrum insecticide, recommended for killing a wide variety of plant insects, especially **Bean Beetles, Cabbage Worms, Cut-Worms, Cucumber Beetle, Thrips, Rose Slugs, Rose Chafer, Squash Beetles, Red Spider, Currant Worm, Mealy Bugs, Leaf Hoppers,** Potato Bugs or Beetles, Plant Lice, Japanese Beetle, Asparagus Beetle, Leaf Tiers, Pear Slugs, White Fly, Aster Beetle. In fact it's sure death to common insects. Exterminates ants. It's safe to use, non-injurious to plants or animals, doesn't deteriorate nor damage soil, is easily mixed, doesn't gum up sprayers, doesn't corrode metal or rubber, kills slowly but surely, is very economical for small and largest users, is mailable and is pleasant to use. Keep Evergreen on hand always. "It's great stuff."

**POSTPAID PRICES**—1 Oz. (makes 6 gallons of spray), 35c. 6 Oz. Bottle, \$1.00. 16 Oz. Bottle makes 100 gallons, \$2.00. 32 Oz. (qt.) Bottle, \$3.50. 1 Gallon Can, \$11.50. Bulk Prices and Dealer's Prices on Request.



**Kalite** Non-Arsenical, Quick Killing Fine Dust for most chewing insects. Ready-to-use, gives complete coverage with plant safety. Kills most insects for which arsenic dusts are used, also kills many others such as Mexican Bean Beetle, Cucumber Beetle, Blister Beetle. Safe to use as it contains no arsenic. 1 Lb. Can, 35c. 3 1/4 Lb. Can, \$1.00. Not Prepaid—25 Lb. Drum, \$5.00.

**Slug Shot** Light, composite, fine powder easily distributed by dusters, bellows or in water and sprayed to control Potato Bug, Cabbage Worm, Slug on Roses, Caterpillars, Dahlia Borers, Bugs on Melons, Bean Beetle, Cut-Worms, Sow Bugs, Lice, Tobacco Worms, etc. Lb., 30c. 5 Lbs., \$1.00.

**Arsenate of Lead** Stomach poison against moths, worms, caterpillars, curculio, bugs and beetles, all leaf-eating insects. **POISON—Can't be Mailed.** By Express. Not Prepaid—4 Lbs., \$1.00. 8 Lbs., \$1.80. 24 Lbs., \$5.00.

**Tobacco Dust** For aphids and flea beetles, especially in soil and around roots. 2 Lb. Box, 35c. 10 Lb. Box, \$1.50. Not Prepaid—100 Lbs., \$3.00.

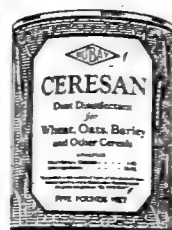
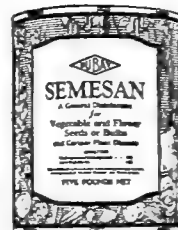
**Fish Oil Soap** A wash for sucking insects, larvae and eggs, especially aphids on trees, vines and plants. Often mixed with Tobacco Dust. Lb. Box, 35c. 5 Lbs., \$1.25.



**Pomo-Green WITH NICOTINE.** The Leaf Green All-In-One Dust or Spray. A single material used as a dust or spray to control both insects and diseases on flowering plants and shrubs without being conspicuous on the foliage. Highest rating given in tests conducted by American Rose Society. **Poison, cannot be mailed.** By Express. Not Prepaid—1 Lb. Can, 75c. 5 Lb. Can, \$3.00. Without Nicotine—1 Lb. Can, 50c. 5 Lb. Can, \$1.75.

**Nursery Volck** Volck spray especially adapted to Nursery, Greenhouse, Shade Tree, Shrub and Conifer spraying. Controls Scale, Red Spider, Aphids, Mealy Bugs and other pests. Mixes with soft or hard water. Clean and pleasant to use, odorless and is entirely non-poisonous. 1/2 Pt. Can, 35c. Pt., 55c. Qt., 80c. Not Prepaid—Gallon, \$2.50. 5 Gallons, \$7.50.

bothering your plants, use Evergreen, a liquid, or Kalite, a powder. These are effective against practically all insects from plant lice and bean beetles to red spider, rose slugs and cut-worms. Pamphlets on any of these insecticides or fungicides are gladly sent on request. These remedies are the best on the market and answer most any plant trouble. Write for prices on others you may desire.



**SEMESAN** The organic mercury disinfectant for dust or liquid use on seeds, bulbs and soil. Anthracnose, fusarium, rots, blight, rust, scab, wilt, mildew, damping-off, smut, scurf and many other diseases are controlled by this great Du Pont-Bayer disinfectant. We use it extensively on Hastings' Plantation in treating seeds and bulbs and in our plant beds. We would like to treat every lot of seeds and bulbs we sell but it's a poison so we cannot. You can treat all you plant. Write for full information. **POISON! Cannot be mailed. By Express—Not Prepaid—Lb., \$2.75, treats 5 bu. of small seed and 8 bu. of large seed. 5 Lbs., \$13.00, treats 25 bu. small and 40 bu. large seeds. 25 Lbs., \$56.25, treats 125 bu. small and 200 bu. of large seeds.**

**SEMESAN BEL**—For treating white and sweet potatoes. **Poison.** Not Prepaid—Lb., \$1.75, treats 70 to 80 bu. of seed potatoes. 5 Lbs., \$8.00, treats about 400 bu. of seed potatoes.

**SEMESAN JUNIOR**—For treating seed corn. **Poison.** Not Prepaid—Lb., \$1.75, treats 8 bu. 5 Lbs., \$8.00, treats 40 bu.

**CERESAN**—For Cotton, Oats, Wheat, Rye, Barley, Sorghum and other cereals. **Poison.** Not Prepaid—Lb., 75c. 5 Lbs., \$3. 3 oz. treats 1 bu. of Cotton, Oats or Barley. 2 oz. treats 1 bu. of Wheat, Rye, Millet or Sorghum.

**NOTE!** These control seed-borne diseases, stimulate germination, improve stands, increase quality yields. Write for literature.

**Antrol** Considered the only really effective way to get rid of ants, indoors or outside. Comes in sets of 4 bottle containers with a syrup to use in and replenish containers. Sweet-eating ants smell and eat the mildly poisoned syrup, transmit it to the queen in the nest and then the entire ant colony is destroyed. **POISON. By Express Only. Not Prepaid—Antrol, set of Four Containers and Four Ounces of Syrup, 75c.**



**Fungtrogen** Controls Mildew, Black Spot and many fungus diseases of Roses, Phlox, Chrysanthemums, Hollyhocks, Delphiniums, Sweet Peas, Evergreens and other plants. Invisible on the foliage or blooms. Complete spray, ready to use when mixed with water. 1/2 Pt. Can, 75c; Pt., \$1.25; Qt., \$2.00. Not Prepaid—1 Gallon, \$6.00.

**Pyrox With Nicotine** A powerful fungicide and insecticide that controls fungous diseases and insects, stimulates and protects the leaves, helps the plant to grow strong and healthy and produce in greater abundance. Just mix Pyrox with water and spray. Easy to use, stays on for weeks. **POISON—Can't be mailed. By Express—Not Prepaid—10 Oz., 50c. 40 Oz., \$1.75.**

**Spray**

**"Black Leaf 40"**  
40% NICOTINE

Nicotine insecticide approved by spraying authorities as a control for aphids, thrips, leaf-hoppers, crawling young scale, and similar sucking insects. Newly hatched worms and caterpillars also absorb the nicotine into their soft, tender bodies and are very susceptible. While the effectiveness of "Black Leaf 40" in killing insects is primarily dependent upon direct contact (wetting) a secondary advantage is furnished by the "gassing" effects of the penetrating nicotine fumes set free in the spraying material. This two-fold action helps definitely toward securing the highest percentage of efficiency—and is an advantage not possessed by any non-volatile spraying solution. **POISON—By Express Only—Not Prepaid—5 Oz. Bottle, \$1.00. 2 Lb. Can, \$3.10. 5 Lb. Can, \$5.85.**



# STIMUGERM

## LEGUME INOCULATION

# BACTERIA CULTURES

Clovers, Alfalfa, Beans, Peas, Vetches, Peanuts and other legumes will yield larger crops per acre if the seeds are inoculated with Stimugerm—a culture of bacteria selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air.

The illustration shows how these bacteria act on the roots of leguminous plants as mentioned. Stimugerm increases the yield and quality, gives quicker growth, increases food value, supplies nitrates to companion crops and saves fertilizer costs by enriching the soil.

Stimugerm is economical. One bu. size will inoculate 1 bushel of seeds or as much seed as you want to plant on one acre. Simple directions for use on cans make it easy for anyone to apply it to the seeds before planting. It pays to use these cultures.

**REMEMBER!** Each kind of crop takes a different kind of culture. Culture for Group 1 is not any good for crops in Group 2 or other Groups. Order by Group number. Prices are postpaid.

These cultures are now supplied in Humus form or medium, which is the most popular medium and known to be most effective because it is so easy to apply. However, we can supply Stimugerm in bottles of liquid (jelly) medium on special order at these prices if you desire.



Ventilated Can opens easily without cutting size, \$2.25.

Group 12—For Japan Clover or Lespedeza. ½ Bu. size, 50c. 1 Bu. size, 90c. 2½ Bu. size, \$2.25.

### ORDER BY GROUP NUMBER

Group 5—Special Garden Unit (for 15 Lbs., a peck, of Peas, Beans, Sweet Peas), 25c.

Group 1—For Red, Crimson Alsike and White Clover. ½ Bu. size, 50c. 1 Bu. size, 90c. 2½ Bu. size, \$2.25.

Group 2—Alfalfa, White and Yellow Sweet Clover, Bur and Hubam Clover. ½ Bu. size, 50c. 1 Bu. size, 90c. 2½ Bu. size, \$2.25.

### ORDER BY GROUP NUMBER

Group 3—All Vetches, Sweet Peas, Garden Peas, Canada Field Peas, Perennial Peas. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 7—Cowpeas, Peanuts, Lima Beans, Velvet Beans, Mung Beans. 1 Bu. size, 40c. 5 Bu. size, \$1.50.

Group 8—Garden Beans, Field Beans, Navy Beans, Kidney and Scarlet Runner Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 9—Soy or Soja Beans, all varieties. 1 Bu. size, 40c. 5 Bu. size, \$1.50.



Seed Was Inoculated

## Get Crops to Market 3 Weeks Earlier

Germäco

## Hotkaps

Farmers and growers throughout the country were quick to realize the many advantages of this modern device. The cost is about one cent per Hotkap or a penny per plant. Is it worth that much to get your crops in earlier, be protected from frosts, rain, wind, insects, etc., better stands, uniform vigorous plant growth and have your crops produce more and much earlier for top earliest market prices.

Hotkaps protect against heavy rains and guard against too much moisture. They also keep soil surface from becoming too dry. Growers have discovered that under normal conditions they can plant the seed directly in the field. Such seedlings are sturdier and more resistant to disease and insects than transplanted plants. This means a big saving in hotbeds, coldframes and seed beds as well as transplanting expense. Hotkaps should more than pay for themselves by getting you first to market to command a better price for your crop.

Hotkaps are made of specially prepared waxed paper, are cone-shaped, measuring about 11 inches across at the base. Easily "set," either with a steel, cone-shaped "Hotkap Setter" or with the heavy card-board setter in the rolls of Hotkaps. They are set ¼ to ½ in. only in the ground, insuring proper ventilation. One man can set 3,000 Hotkaps per day. The Hotkaps pamphlet illustrates with pictures and simple directions. Hotkaps are packed 250 and 1,000 to the roll. 1,000 roll weighs about 25 pounds for shipment.

**HOTKAP PRICES**—Not Prepaid—Trial Roll of 250 Hotkaps, \$3.50. Roll of 1,000 Hotkaps, \$9.75. 5,000 Hotkaps at \$9.60 per thousand. 10,000 Hotkaps at \$9.50 per thousand. Write for larger quantity prices and literature. Dealers write for proposition.

**SMALL TRIAL PACKAGE**—100 Hotkaps, (enough for a garden trial on 100 plants), \$2.25 Postpaid.

**HOTKAP SETTERS**—Made of steel, with handle, for quantity setting. Weight, 3 Lbs. Tamper also included. \$2.25 each.



Showing Increased Yields from Use of Gator-Hide Mulch Paper 18-in. paper, Postpaid, 75c.

## Sprayers—Dusters

### Thrifty Sprayer

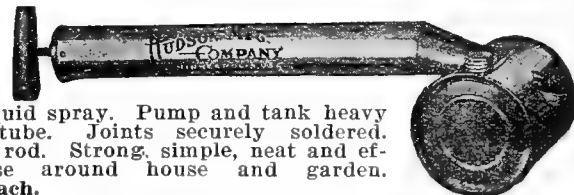
Capacity, 2 gallons.

High pressure compressed air sprayer—for insecticides, fungicides, applying whitewash, varnish, oils, etc. 6½ inches diameter, 15 inches high. Made of first quality copper bearing galvanized sheet. Sturdily built, the ends securely anchored by double folded top and bottom seams heavily sweat-soldered. Side seams riveted and soldered. Shipping weight, 8 pounds. **Not Prepaid, \$3.50** Perfection Sprayer, capacity 4 gallons, \$6.00.



### Misty Sprayer

Quart size liquid spray. Pump and tank heavy tin. Syphon tube. Joints securely soldered. Heavy Plunger rod. Strong, simple, neat and efficient for use around house and garden. **Postpaid—50c each.**



### Cadet Duster

For all insect powders. Efficient for home and small garden use. Made of heavy tin. **Postpaid—50c each.**

## THE MIRACLE OF MULCH PAPER

This is the title of a very interesting and valuable booklet that pictures and describes Mulch Paper. We shall gladly send it and the U. S. Dept. of Agriculture Bulletin, "Crop-Plant Stimulation With Paper Mulch," to you on request. Most of us have used straw, leaves, manure, etc. for a mulch. They are good but not permanent nor perfect. Mulch Paper, heavy, Gator-Hide Kraft Paper impregnated with asphalt, is black in color, tough and used on soil surface. Seeds may be planted or plants set in holes punched in the paper or paper laid between rows. It has worked miracles in increased, earlier yields; it is essentially an agent for increasing soil warmth, eliminating cultivation, weeding and retaining soil moisture.

A few increased yields by using Mulch Paper were as follows: Cucumbers 168%, Watermelons 267%, Beans 36% to 225%, Cabbage 76%, Celery 89%, Lettuce 133%, Spinach 516%, Sweet Potatoes 103%, White Potatoes 377%, Turnips 212%, Green Corn 280%, Peppers 158%, Eggplant 175%, Cotton 91%. Mulch Paper comes in rolls, 18 and 36 inches wide, in two weights of paper. Light weight is for one season use, easy handling among flowers and home gardens but may be used on any scale of planting. The light weight comes 300 lineal yards to the roll. The heavy weight is double thickness, stands rough use, should last much longer and comes 150 lineal yards to the roll. **Mulch Paper Prices: Light or Heavy Weight, Not Prepaid—18-in. Roll, 30 Lbs., \$3.00. 36-in. Roll, 60 Lbs., \$6.00. 50 Rolls or over, less 20%. Dealers please write for proposition. Garden Package, 15 Yards, heavy weight, 18-in. paper, Postpaid, 75c.**



# PULVERIZED SHEEP MANURE

**Best for Lawns, Vegetables, Flowers, Trees, Fruits and Shrubby**

The real secret in making a beautiful, velvety green lawn or parkway, provided you have good, heavy, plump, viable seeds; the real secret in making vegetable and flowering plants grow to perfection from good seeds, lies in preparing a rich, mellow soil.

We use many tons of Sheep Manure on the Hastings' Plantation, especially for our extensive trial grounds and for summer flowering bulbs. We use it on our own lawns each year and sell many carloads in Atlanta, in every month of the year, for lawns and gardens.

**Cheap, Easy to Use—Gets Results**



This concentrated, weedless manure will make your lawn and all plants grow luxuriantly. It is not a combination of chemical stimulants but a real soil building plant food—safe and dependable for every fertilizer use. It not only stimulates plant growth but supplies humus to the soil for retention of moisture and air circulation, is slow acting to give plants

food over the whole season of growth and it puts new life in worn out soils.

One 100-Lb. bag is equal in plant food value to a whole wagon load of barnyard manure. The cost of a load of manure, hauling it, composting it or just spreading it will very likely be far more than the cost of a bag of Wizard Brand. Being dry and pulverized, Wizard Brand is convenient and easy to use, not objectionable to handle and it makes your lawn and garden grow to perfection. It makes good garden soil. For excellent results use 100 pounds, one bag, to 1,000 square feet (plat 20 by 50 feet) of lawn or garden or flower yard. Use 1,000 pounds or more per acre. Have the finest garden and the most beautiful plantings in your neighborhood this year and have a velvety green lawn with Sheep Manure.



## Prices of Wizard Brand Sheep Manure

Fertilizers are not allowed to be mailed. Write for Dealer Prices.  
**NOT PREPAID**—25 LB. BAG, 90c. 100 LB. BAG, \$2.75. 500 LBS., \$2.25 PER 100 LB. BAG. \$40.00 PER TON. Prices subject to change. Write for our best quantity prices when ready to buy. Sheep Manure is shipped by express or freight.

## SPECIAL 12-4-4 LAWN AND GARDEN FERTILIZER

**Prepared Plant Food for Lawns, Shrubby, Flowers and Vegetables**

Specially prepared and now in large demand because of its use on the Hastings' Plantation Trial Grounds, Nursery and on many gardens, lawns and plantings throughout the South. Contains all of the elements necessary for all planting needs—grass, shrubby, gardens and flowers. Quick acting plant food that makes the finest growth wherever used. It is a real high grade formula mixture, efficient, easy to apply and very reasonable in price. **Not Prepaid**—10 Lbs., 40c. 25 Lbs., 75c. 50 Lbs., \$1.25. 100 Lbs., \$2.00. 300 Lbs., or over, \$1.90 per 100 Lb. Bag.



# Loma

TRADE-MARK REG. U.S. PAT. OFF.

**QUICK ACTING, WELL BALANCED PLANT FOOD**

A scientifically prepared plant food in which the plant food elements are so combined and processed that they are quickly and fully available—rich in nitrogen, potash and phosphates. Odorless, easy and convenient to apply. Many times more powerful than barnyard manure. One of the best for lawns, gardens, flowers and shrubby. **Not Prepaid**—5 Lb. Carton, 50c. 10 Lb. Bag, 85c. 25 Lbs., \$1.50. 50 Lbs., \$2.50. 100 Lbs., \$4.00.

## Special Package for House Plants

Convenient package of Loma for ferns and all house plants in porch boxes, window boxes, pots, baskets and for making up potting soil. Gives fine growth and rich bloom. Postpaid Price—1 Lb. Can, 35c.



# VIGORO

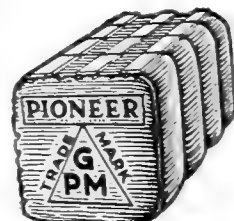
*Complete plant food*

Specially prepared plant food by Swift & Co., analyzing about 12% phosphoric acid, 4% nitrogen, 4% potash and other ingredients. Recommended highly and widely advertised for lawns, gardens, flowers, shrubby and trees. Clean, odorless and easy to apply. Well known, popular, in convenient sizes and paper lined bags so may be easily kept on hand. **Not Prepaid**—5 Lb. Pkg., 50c. 10 Lb. Pkg., 85c. 25 Lb. Bag., \$1.50. 50 Lb. Bag, \$2.50. 100 Lb. Bag, \$4.00.

## Granulated Peat Moss

**BEST MULCH FOR AZALEAS, RHODODENDRONS, ROSES, FLOWER BEDS, ETC., AND THE BEST TOP DRESSING FOR LAWNS.**

Light brown colored moss peat formed years ago by the decay of mosses and aquatic plants. An excellent soil medium free from weed seeds and rich in carbonaceous matter. Contains moisture holding humus-making material, helps to improve the soil, serves as a mulch, keeps out heat and cold and aids propagation. Peat Moss is superior as a mulch for Rhododendrons, Roses, Azaleas, Etc., a forcing medium for growing bulbs in bowls or plants in pots and is fine for packing plants, bulbs, roots, tubers, fruits and vegetables. Granulated Peat Moss is a reservoir for moisture. Laboratory tests show that it absorbs from eight to ten times its own weight. When Peat Moss is used liberally, much less fertilizer is needed, as what is applied is quickly absorbed by the Peat Moss and retained where the plant roots can feed on it as needed. It prevents leaching, that is, the washing away of valuable fertilizing material by rain water or irrigation. Good gardening practice demands the use of a material of this kind. Peat Moss is always ready for use and is clean and convenient. A bale will cover 240 sq. ft., 1 inch deep. Order at least a bale and keep it on hand for its many uses throughout the year. Write for illustrated booklet.



**PRICES**—Not Prepaid: 1/2 Bale, \$2.00. Bale, 19 Bu. (compressed), \$3.50. 5 Bales, \$3.25 per Bale. 10 Bales, \$3.00 per Bale. 25 Bales, \$2.75 per Bale. Write for larger quantity or dealers' prices.

**BONE MEAL** Especially valuable for bulb flowers, lawns, shrubby, perennials and tender plants. Makes size and rich coloring, strong, healthy growth. Hastings' Bone Meal is safe to use—slow acting and lasts a long time. It is always needed where there are plants so keep a bag on hand. **Not Prepaid**—10 Lbs., 45c. 25 Lbs., 90c. 50 Lbs., \$1.50. 100 Lbs., \$2.75.

# STIM-U-PLANT

**PLANT STIMULANT TABLET**

Plant food in tablet form, containing 11% nitrogen, 12% phosphoric acid and 15% potash. Stim-U-plant tablets are the richest plant tablets sold, highly concentrated, immediately available plant food for all fruit, flower, vegetable and ornamental plants. Complete directions with package. Small size, 25c. Medium size (100 tablets), 75c. Large Size (1,000 tablets), \$3.50.



# The Progressive Farmer

AND

## Southern Ruralist

### South's Largest Circulated Farm Paper Now Offered at a Saving to all Hastings' Customers

We believe that every Hastings' customer should be a reader of the best farm paper for the South. Now, we have the privilege to offer you at a saving, the greatest farm paper serving Southern farms and homes—**The Progressive Farmer and Southern Ruralist.**

This outstanding and entertaining paper going to nearly one million farm homes resulted from the merger of the **Progressive Farmer** and the **Southern Ruralist**. Uniting the South's two greatest farm papers in one makes possible more than ever before to serve the interests and needs of every Southern farm home. Thousands of our customers enjoy and have full confidence in the fine articles by such recognized agricultural leaders as Dr. Clarence Poe, Cully A. Cobb, Dr. Tait Butler, Lois P. Dowdle, Eugene Butler, B. W. Kilgore, Jr., W. C. Lassetter and others who devote their entire time to the **Progressive Farmer-Southern Ruralist.**

Since these two great organizations joined in a common cause, there has resulted a farm paper or magazine that does full justice to the field it serves. For 44 years the **Progressive Farmer** had been making its visits into a constantly increasing number of farm homes and at the time of merger had over 600,000 circulation. Likewise the **Southern Ruralist** had been wholesome and instructive reading matter to its great family of farm readers for some 38 years. Uniting these two great farm publications in one, with the combined editorial strength of both, makes a wonderful combination to serve its readers interestingly and profitably. Hence our great desire that you have it regularly in your home.

The outstanding advantage of the **Progressive Farmer-Southern Ruralist** is that its articles on farm methods and practices together with those on home conveniences can be accepted with absolute confidence by the reader in every section of the South. To make this possible, five separate editions, each serving one of the five major farming divisions of the South are published, each with its special editor particularly capable of serving the particular farming division.

These separate editions are as follows:

**Carolinas-Virginia** edition; Dr. Clarence Poe, editor, serving Virginia, North and South Carolina.

**Georgia-Alabama** edition; Cully A. Cobb, editor, serving Georgia, Alabama and Florida.

**Mississippi Valley** edition; Dr. Tait Butler, editor, serving Mississippi, Louisiana, Arkansas and Western Tennessee.

**Texas** edition, Eugene Butler, editor, serving Texas and Oklahoma.

**Kentucky-Tennessee** edition, B. W. Kilgore, Jr., editor, serving Kentucky, Middle and East Tennessee and West Virginia.

The **Progressive Farmer-Southern Ruralist** is published monthly in large page magazine form with splendid colored covers printed in four colors. In every issue there are departments of interest to the father, the mother, the boy and girl, something really worth while for every member of the farm family. There are interesting, instructive, helpful articles on the crops that you grow on your own farm; the live stock common to your section; action stories that you like to read; hints and definite information for the mother and daughter in the housekeeping; children's stories that will not only interest them but help establish a foundation for more useful citizenship as they grow older.

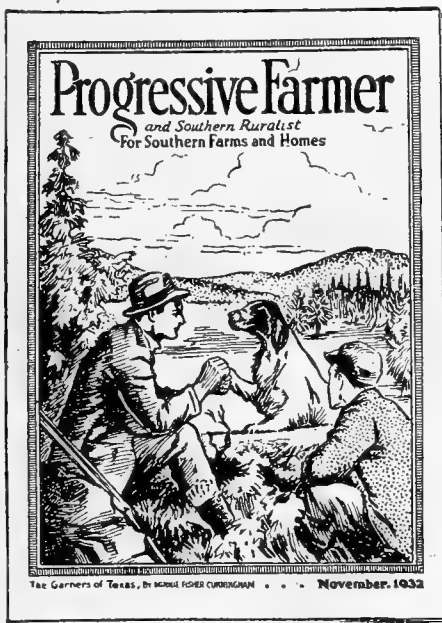
### Reason For Special Offer

We know that you and your family will be helped, entertained and pleased by reading regularly the **Progressive Farmer-Southern Ruralist**. Every article in every department in every issue is a worth while reading article. Each month benefits you and yours, in the farm work on general crops, in the live stock and in the home. As one reader expressed it "**The Progressive Farmer-Southern Ruralist** is equal to an extra hand on my farm."

The **Progressive Farmer-Southern Ruralist** is not only the largest circulated farm paper or magazine in the South, as such it has the best editors and more of them. Every one of these editors is an outstanding leader in his particular field or specialty. They are constantly sought to address meetings and conventions of farm leaders and teachers. What they say to you in each issue is timely, seasonal and sound common sense. The farm and household information is dependable because the editors who write are every one of them from the farm themselves.

We have arranged again this year with the **Progressive Farmer-Southern Ruralist** so that we can furnish it to our seed-buying customers at a very low rate and saving the trouble and extra expense of your making remittance to two different offices. We do this because we know it will help you in your farm and garden work. We are all working alike for better farm and home conditions here in the Southland and we know of no greater helper at so little price as the **Progressive Farmer-Southern Ruralist.**

You may really consider the special offer below a part of Hastings' Complete Planting Service. In every special offer we make we want to actually give you more value for your money than you can obtain anywhere else. We have chosen the **Progressive Farmer-Southern Ruralist** as the best farm paper or magazine for the South and include in the offer to return your money if you are not fully satisfied after reading it for three months. Can you find anywhere a fairer, squarer offer? Just enclose 50 cents along with your seed order and receive this best of all Southern farm magazines for 30 months.



## SPECIAL SUBSCRIPTION OFFER

If you will enclose 50 cents along with your regular seed order remittance we will have your subscription to the **Progressive Farmer-Southern Ruralist** entered for 30 months (2½ years) and it will come to you regularly, for that time, postpaid to any part of the United States (Subscriptions to foreign countries 75 cents on this offer.)

Handsome 4-color covers, latest events in pictures, good stories, editorials on subjects vital to the farm, worthwhile articles on farming and farm crops, gardening, fruit, chickens, hogs, cows and several pages each issue for the home.

In this special offer we guarantee you full satisfaction and money back at the end of 3 months if you don't think it well worth it. Just enclose 50 cents extra with your seed order for a 30 months' subscription and the **Progressive Farmer-Southern Ruralist** will start coming promptly and regularly for 30 months.

# Visit Hastings' Retail Store



WHEN in Atlanta, be sure to visit Hastings' retail store and mail order departments. Both are conveniently located on Mitchell, at Broad Street, only two blocks from the Terminal Station and Atlanta's new Post Office, four blocks from the new Union Station, State Capitol and new City Hall.

Modern in every detail, it is undoubtedly the best equipped seed store in America. Field seeds have their own special section, as do grasses, vegetable seeds, flower seeds, bulbs, garden tools, garden furniture, lawn mowers, spray pumps, flower pots, plant tubs and "Everything for the Garden." Canaries and other birds have their own glassed-in room. "Nurseryland," a large glass covered room, is devoted to the display of all kinds of plants and trees.

On this page are listed many special items which are the most popular in their respective classifications. We especially call your attention to the low price this year on Canaries and the Bird Cage and Stand. If there is any bird, goldfish, poultry supply or garden item desired that is not listed, write us—we usually can supply it. We invite you to visit the store and make it your headquarters while in Atlanta.



## Imported Hartz Mountain Canaries



Imported Hartz Mountain Canaries are the sweetest songsters obtainable and every one from Hastings' is a beautiful and select specimen. A written guarantee to sing or your money refunded is given with every bird. We take every precaution in shipping but we cannot guarantee safe arrival of Canaries. Birds shipped entirely at buyers' risk. New Low Price, \$4.48 each, F. O. B., Atlanta, by Express.

### Bird Cage and Stand—\$2.75

The best buy in a bird cage and stand. Height, 5 ft., 5½ inches. Diameter of cage, 10 inches. Colors of green with dark green shading or red with black shading. Combines all the latest improvements. Has wire seed guard, colored seed and water cups to match cage, three full size wood perches and one swing. By Express, F. O. B. Atlanta. Cage, \$1.40; Stand, \$1.50. Both for \$2.75, complete. We carry a complete line of Hendryx Cages. Write for prices on mating cages, breeding cages, Parrot and Mocking Bird cages, stands and cage supplies.



## Hastings' Bird Supplies

Finest Mixed Bird Seed—Containing selected Rape, Sicily, Millet and Maw Seed. Lb., 25c; 2 Lbs., 35c.  
Love Bird Seed—Complete food. Lb., 25c; 2 Lbs., 35c.  
Bird Gravel—5 Lbs., 35c.  
Mixed Parrot Food—Sunflower, Chufas, Peanuts and Hemp Seed. Lb., 35c; 3 Lbs., 75c.  
Sunflower Seed for Parrots—Lb., 25c; 3 Lbs., 60c.

## Philadelphia Bird Food Co. Supplies

Cuttle Bones—Large size bill sharpener. 15c; 2 for 25c.  
Bird Bitters—Tonic and song restorer. 35c.  
Nestling Food—Best food for young birds. 30c.  
Mite Powder—Frees birds and cages of mites. 30c.  
Orange Color Food—Makes rich plumage color. 30c.  
Pure Powdered Charcoal—Aids digestion. 30c.  
SPRATT'S COD LIVER OIL NESTLING FOOD—25c; large, 45c.  
SPRATT'S SING SONG—For health and song. 15c.  
8 IN 1 HEALTH, SONG AND VIGOR RESTORER—30c.  
SHEPARD'S SONG RESTORER—Each, 35c.  
CHEERIO, HEALTH FOOD AND SONG RESTORER—Each, 30c.  
JUSTRITE BALM FOR BALDNESS OF CANARIES—Each, 30c.  
JUSTRITE FEATHER PULLING REMEDY—Each, 30c.  
NESTING HAIR—Each, 15c; 2 for 25c.  
MOCKING BIRD FOOD—For all soft billed birds. 50c.  
PULVEX—Kills fleas and lice on pets. Small size, 25c; Shaker can, 50c; Bird size (Puff gun), 35c.

## Conkey's Poultry Remedies

Old Reliable Powder (for Roup)—30c; 60c; \$1.10 sizes.  
Diatex (for White Diarrhea)—30c; 60c; \$1.10 sizes.  
Salvo (for Sorehead)—30c; 55c sizes.  
Poultry Tonic and Conditioner—35c; 60c sizes.  
LEE'S GIZZARD CAPSULES—For worms. 50 for \$1.00, 100 for \$1.50. Tablets for making hens lay, tonic conditioner. Each, 50c; \$1.00 size holds three times 50c pkg. Large size \$5.00. (Guarantees you more eggs or your money refunded).  
AVICOL. For White Diarrhea in Chicks—50c and \$1.00 sizes.

# DON SUNG

## Sergeant's DOG MEDICINES

Condition Pills—Loss of appetite, poor condition. 60c.  
Sure Shot Capsules (for Worms)—Each, 60c.  
Puppy Capsules (for Worms)—Each, 60c.  
Tape Worm Medicine—Each, 60c.  
Arsenic and Iron Pills—Tonic and appetizer; for scaly skin. 60c.  
Canker Wash—Internal and external canker of ear. 65c.  
Mouth Wash (for Treating Black Tongue)—Each, 65c.  
Pepsin Tablets Compound—For vomiting, indigestion, cramps. 60c.  
Intestinal Astringent (for Diarrhea)—Each, 60c.  
Expectorant Medicine (for Coughs and Colds)—Each, 65c.  
Diuretic Pills (for Rheumatism)—Each, 60c.  
Liniment—Sprains, strains and sore muscles. 65c.  
Eye Wash—All minor injuries and diseases of the eyes. 65c.  
Nerve Sedative Medicine (Running, Barking Fits)—Each, \$1.20.  
Skip Flea Powder—Each, 25c.  
Skip Flea Soap—Each, 25c.

**SERGEANT'S SPECIAL MEDICINE**—(For Distemper)—Each, \$1.25.

**SERGEANT'S MANGE MEDICINE**—Each, 70c.

## Q. W. Laboratories Dog Remedies

Condition Powder—All around conditioner for dogs. \$1.00.  
Cod Liver Oil with Lime—Food builder, especially for Distemper and preventing Rickets. Pint, \$1.25; Quart, \$2.00.  
Mange and Flea Soap—Each, \$1.00.  
Healing Salve—For sores, ulcers, ringworms, etc. \$1.00.  
Worm Capsules—Box, \$1.00.  
Fit and Sedative Tablets—Box, \$1.25.  
Diarrhea and Dysentery Tablets—Box, \$1.25.  
Constipation Pills—Box, \$1.00.

## Kennel Food Supply Co. Dog Food

Whole Biscuit. Not Prepaid—25 Lbs., \$1.90; 100 Lbs., \$7.00.  
Cero Meato (Kibbled Food). Not Prepaid—25 Lbs., \$1.90; 100 Lbs., \$7.00.

## Spratt's Dog Food

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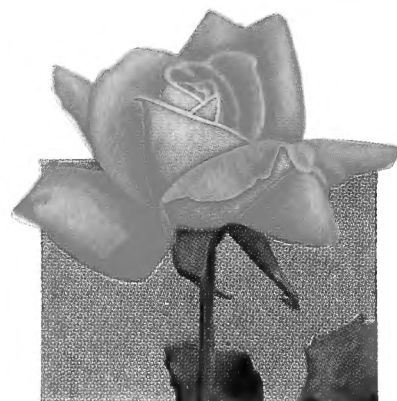
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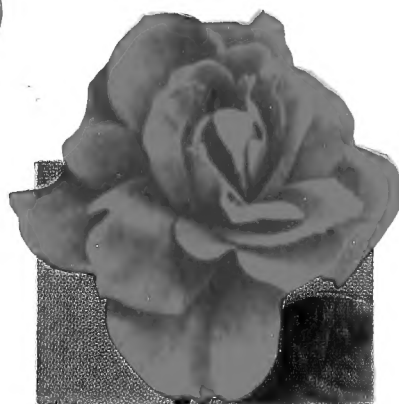
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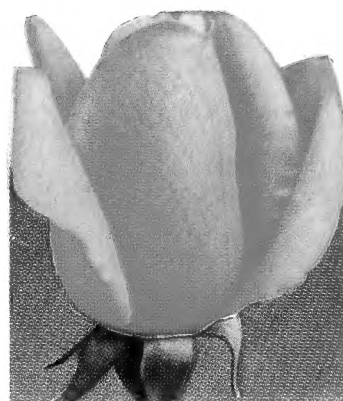
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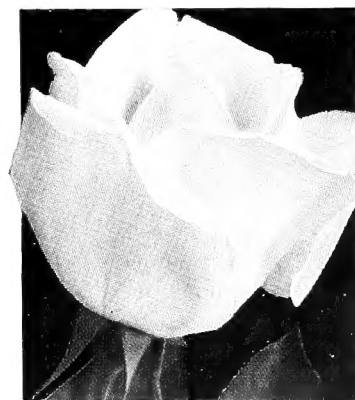
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